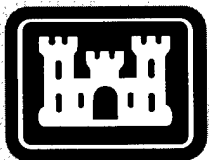
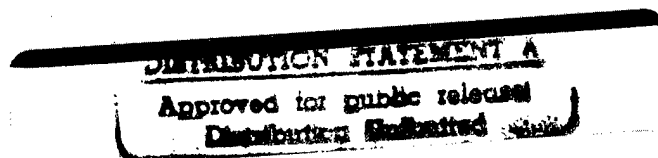


# **WATERBORNE COMMERCE OF THE UNITED STATES**

Calendar Year 1994

Part 3—  
Waterways and Harbors  
Great Lakes



Department of the Army  
Corps of Engineers

Water Resources Support Center

WRSC-WCUS-94-3

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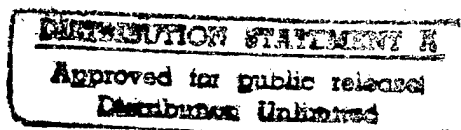
# **WATERBORNE COMMERCE OF THE UNITED STATES**

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Waterways and Harbors  
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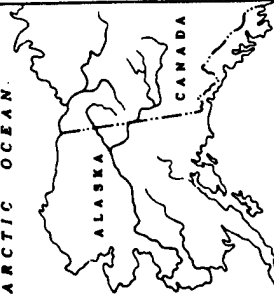
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Fort Belvoir, Virginia

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## PART 4

ARCTIC OCEAN.



**PACIFIC OCEAN**

DEAR MAY 1978

## INLAND WATERWAYS LEGEND

## PRINCIPAL IMPROVED WATERWAYS

..... (IN OPEN WATER)

## PART 4

**PACIFIC OCEAN**



**WATERBORNE COMMERCE OF THE UNITED STATES**

## Part 1 - Atlantic Coast

## Part 2 . Gulf Coast, Mississippi River System and Antilles

### Part 3 - Great Lakes

## Part 4 - Pacific Coast, Alaska and Hawaii

## Part 5 - Waterborne Commerce of the United States

(National Summary)

## PART 5

## **PART 2**

ATLANTIC OCEAN



# CONTENTS

	Page
Introduction . . . . .	ii
Terminology . . . . .	v
Commodity Classification List . . . . .	viii
Table 1 - Ton-Mileage of United States Freight Carried on the Great Lakes by Area . . . . .	x
Table 2 - Freight Tons of United States Traffic Carried on the Great Lakes by Area . . . . .	xi
Table 3 - Net Summary of Foreign and Domestic Freight Carried on the Great Lakes by Type of Traffic and Commodity . . . . .	xii
<b>Freight Traffic</b>	
St. Paul, MN . . . . .	3
Chicago, IL . . . . .	10
Detroit, MI . . . . .	37
Buffalo, NY. . . . .	114
Rock Island, IL . . . . .	139
<b>Trips and Drafts</b>	
St. Paul, MN . . . . .	161
Chicago, IL . . . . .	164
Detroit, MI . . . . .	170
Buffalo, NY. . . . .	202
Rock Island, IL . . . . .	214
Index . . . . .	216
Appendix . . . . .	A1

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## Introduction

### General

*Waterborne Commerce of the United States, WCUS, Part 3* is one of a series of publications which provides statistics on the foreign and domestic waterborne commerce moved on the United States waters. WCUS, Parts 1-4 present detailed data on the movements of vessels and commodities at the ports and harbors and on the waterways and canals of the United States, the Commonwealth of Puerto Rico, and the Virgin Islands.

The publication numbers and the geographical areas covered in **WCUS, Parts 1-5** are detailed below:

**WCUS, Part 1 Atlantic Coast**

**WCUS, Part 2 Gulf Coast, Mississippi River  
System and Antilles**

**WCUS, Part 3 Great Lakes**

**WCUS, Part 4 Pacific Coast, Alaska  
and Hawaii**

**WCUS, Part 5 National Summaries**

### Legal Authority

The legal authority for the collection, compilation and publication of waterborne commerce statistics by the Army Corps of Engineers is Section 11 of the Rivers and Harbors Appropriations Act of 1922 (42 Stat. 1043), as amended, and codified in 33 U.S.C. 555 and provides the following:

Owners, agents, masters, and clerks of vessels and other craft plying upon the navigable waters of the United States, and all individuals and corporations engaged in transporting their own goods upon the navigable waters of the United States, shall furnish such statements relative to vessels, passengers, freight and tonnage as may be required by the Secretary of the Army: Provided, That this provision shall not apply to those rafting logs, except upon a

direct request upon the owner to furnish specific information.

Every person or persons offending against the provisions of this section shall, for each and every offense, be liable to a fine of not more than \$5,000 or imprisonment not exceeding two months, to be enforced in any district court of the United States within whose territorial jurisdiction such offense may have been committed. In addition, the Secretary may assess a civil penalty of up to \$2,500 per violation against any person or entity, that fails to provide timely, accurate statements required to be submitted pursuant to this section by the Secretary.

The vessel and commodity movement information collected and compiled is designed to meet the data requirements of the Department of the Army in connection with the duties assigned by Congress. These data also provide valuable information for other governmental departments, commercial and shipping concerns and others interested in the U.S. transportation industry.

### Domestic Commerce

Contiguous and non-contiguous states and territories constitute the geographical space upon which domestic commerce may be transported. This includes Hawaii, Alaska, the 48 contiguous states, Puerto Rico and the Virgin Islands, Guam, American Samoa, Wake Island and the U.S. Trust Territories.

The waterborne traffic movements are reported to the Corps of Engineers by all vessel operators of record on ENG Forms 3925 and 3925b (or equivalent) approved by the Office of Management and Budget under the Paperwork Reduction Act (44 U.S.C. 3510(a)). The reports are generally submitted on the basis of individual

vessel movements completed. For movements with cargo, the point of loading and the point of unloading of each individual commodity must be delineated. Cargo moved for the military agencies in commercial vessels is reported as ordinary commercial cargo; military cargo movements in Department of Defense vessels are not collected.

In summarizing the domestic commerce certain movements are excluded: Cargo carried on general ferries; coal and petroleum products loaded from shore facilities directly into bunkers of vessels for fuel; and insignificant amounts of government materials (less than 100 tons) moved on government owned equipment in support of Corps projects.

The fish landing data is furnished by the National Marine Fisheries Service. No domestic fishing vessel trips are included in the trip and draft data of the Trips and Drafts Section.

### Foreign Commerce

Foreign commerce is waterborne import and export traffic between the United States, Puerto Rico and the Virgin Islands and any foreign country. These statistics do not include traffic between Guam, Wake Island and American Samoa and any other foreign country.

Foreign commerce data are furnished to the Corps of Engineers by the Bureau of the Census under a working arrangement sponsored by the Office of Management and Budget. The data are confined to vessel movements by water and are reconcilable with published reports of the Bureau of Census with the exception of LOOP Oil Terminal and Skagway Wharf reports which are manually entered as imports by the Corps of Engineers.

The Republic of Panama is considered a foreign country. However, individual vessel movements with origin and destination at United States ports traveling via the Panama Canal are considered domestic traffic. Alaskan crude oil (origin at Valdez, AK) shipped via the Panama pipeline (west to east) and destined for gulf and east coast ports is also considered domestic commerce.

Import and export shipments for use of the United States Armed Forces abroad are not reported to WCSC. Beginning with calendar year 1989 shipments under the military assistance

program of the Department of Defense are included in the statistics under the appropriate commodity code. In prior years these cargoes were given as commodity code 9999.

### Commodity Descriptions

The first two digits of the WCSC publication codes correspond with the Lock Performance Monitoring System, LPMS, commodity codes. Both LPMS and WCSC codes were standardized to reflect the hierarchical structure of the Standard Industrial Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports and exports, as well as, with commodity movements of other countries.

### Tonnage

The tonnage figures provided throughout the Waterborne Commerce of the United States (WCUS) Parts 1-5 represent short tons (2000 pounds). Tonnage figures are rounded to the nearest 1000 tons.

A zero represents less than 500 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

Some freight tables have "Total" and "Grand Total". The "Total" means that in some cases it is the total for domestic or foreign and Canadian traffic. The "Grand Total" specifically represents the sum total of all the different traffics, including all domestic and foreign traffic. If a particular column or traffic type has only dashes and zeroes in the tonnage fields for that entire freight table then that column (traffic type) will not print.

### Ton-Miles

For lakewise domestic movements, ton-miles equal the cargo tonnage times the distance between the U.S. Great Lakes ports. For overseas imports and exports, foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels. Ton-miles are rounded to the nearest 1000 ton-miles. The ton-mile data appears in the publication by traffic type at the end of a

particular freight table for a given project. Since there are columns that will not print (see tonnage above) the ton-miles associated with these columns will likewise not be included in the total ton-miles for that particular freight table. They will be included in "Ton-miles All Traffic" at the end of the project.

### **Trips**

A trip is a vessel movement. For self-propelled vessels, a trip is logged between every point of departure and every point of arrival. For loaded barges, a trip is logged from the point of the loading of the barge to the point of unloading of the barge (i.e., excluding fleeting areas). For empty barges, trips are logged from point of unloading to the point of loading counting the fleeting areas in between (e.g. if an empty barge moved from Dock A to Dock B and the barge stopped at three fleeting areas in between, then 4 trips are logged.)

Some towboat trips and empty barge moves are estimated from a sample to expedite

processing and reduce costs. Even with sampling, however, the number of towboat trips are calculated from more than 70% of the total number of towboat moves reported, and the number of barge trips are derived from more than 85% of the total number of barge trips reported.

The number of trips also includes vessels engaged in foreign trade. These moves are furnished by the Bureau of Census who process the data collected on U.S. Customs entrance and clearance forms.

To more accurately reflect actual traffic patterns (e.g. inbound versus outbound trip counts), some adjustments are made to the trip counts in the trip and draft tables in this publication.

### **Special Interest**

... Passenger totals are not included in this publication but are available on request.

# Terminology

## Types of Traffic

### *Foreign*

#### **Imports**

**Overseas:** Inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses originating in foreign countries other than Canada.

**Canadian:** Inbound merchandise for direct consumption and entries into custom bonded storage and manufacturing warehouses originating in Canada.

#### **Exports**

**Overseas:** Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone destined for foreign countries other than Canada.

**Canadian:** Outbound domestic merchandise and re-export of foreign merchandise from a U.S. foreign trade zone destined for Canada.

**Intransit Merchandise:** Inbound merchandise coming into the United States from a foreign country and shipped to a foreign country without having been entered as an import. Intransit merchandise is treated as an **Import** when unloaded from a vessel and as an **Export** when loaded onto a vessel.

### *Domestic*

**Coastwise:** Domestic traffic receiving a carriage over the ocean, or the Gulf of Mexico, (e.g. New Orleans to Baltimore, New York to Puerto Rico, San Francisco to Hawaii, Alaska to Hawaii). Traffic between Great Lakes ports and seacoast ports, when having a carriage over the ocean, is also termed **Coastwise**.

**Lakewise:** Waterborne traffic between the United States ports on the Great Lakes System. The Great Lakes System is treated as a separate waterway system rather than as a part of the inland waterway system. In comparing historical data for the Great Lakes System, one should note that prior to calendar year 1990, marine products, sand and gravel being moved from the Great Lakes to Great Lake destinations were classified as local traffic. From 1990 on, these activities are classified as lakewise traffic.

**Internal:** Vessel movements (origin and destination) which take place solely on inland waterways. An inland waterway is one geographically located within the boundaries of the contiguous 48 states or within the boundaries of the State of Alaska.

The term "internal traffic" is also applied to these vessel movements: those which involve carriage on both inland waterways and the Great Lakes; those occurring between offshore areas and inland waterways (e.g., oil rig supplies and fish); and those taking place within Delaware Bay, Chesapeake Bay, Puget Sound, and the San Francisco Bay, which are considered internal bodies of water rather than arms of the ocean.

**Intraport:** Movement of freight within the confines of a port whether the port has one or several arms or channels included in the port definition. This traffic type will not include car-ferries and general ferries moving within a port.

**Through:** Movements transiting a waterway, or stretch thereof, as defined in the project description of individual tables, and having origins and destinations outside of the defined area.

**Intra-waterway:** Movements within the limits of a river, waterway or canal. This traffic will not include car-ferries and general ferries moving within a waterway or Corps project.

**Intra-territory:** Traffic between ports in Puerto Rico and the Virgin Islands, U.S.A. which are considered a single unit.

## **Traffic Direction**

### **Waterways**

**Upbound:** Traffic that moves in an upstream direction. For waterways without a characteristic monodirectional flow (e.g. the Gulf Intracoastal Waterway), "upbound" means in a northerly or easterly direction.

**Downbound:** Traffic that moves in a downstream direction. For waterways without a characteristic monodirectional flow, "downbound" means in a southerly or westwardly direction.

**Inbound:** Traffic moving from one waterway into another where the destination is on the subject waterway.

**Outbound:** Traffic moving from one waterway into another where the origin is on the subject waterway.

### **Ports**

**Receipts:** Traffic moving from one location to another where the destination is within the limits of the subject port.

**Shipments:** Traffic moving from one location to another where the origin is within the limits of the subject port.

**Commodity Descriptions:** The first two digits of the WCSC publication codes correspond with the Lock Performance Monitoring System, LPMS, commodity codes. Both LPMS and WCSC codes were standardized to reflect the hierarchical structure of the Standard Industrial Trade Classification (SITC) Revision 3 commodity codes. SITC, Rev. 3 commodity codes conform to the Harmonized Commodity Description and Coding System (HS). Using SITC, Rev. 3 allows direct comparisons with U.S. imports and exports, as well as with commodity movements of other countries.

**Tons:** The tonnage figures provided throughout the Waterborne Commerce of the United States (WCUS) Parts 1-5 represent short tons (2000 pounds). Where noted tonnage figures are rounded to the nearest thousand tons. A zero represents less than 500 tons but more than zero. Dashes mean zero tons. Columns and rows may not add up exactly to totals and subtotals due to rounding.

**Ton-miles:** Water carriage ton-miles were first compiled and published in calendar year 1962. The distances used are statute miles. Domestic ton-miles are calculated by multiplying the tons of commerce being moved by the number of miles actually moved on the water (e.g. 50 short tons moving 200 miles on a particular waterway would yield ten thousand ton-miles for that waterway). The ton-mile parameter measures the total performance of a waterway. Ton-miles are not computed for ports.

For coastwise traffic this represents the mileage on the shortest route that safe navigation permits between the point of origin and destination. The source of this distance information for coastwise traffic is the publication, Distance Between United States Ports, published by the National Oceanic and Atmospheric Administration (1987).

For rivers and inland waterways the distances were computed from waterway survey maps and records of the Corps of Engineers.

For the Great Lakes system the ton-miles are computed for movements of cargo west of the international boundary of St. Regis, Quebec, Canada to head of the lakes at Duluth/Superior.

For Canadian imports and exports, foreign ton-miles are computed as the tonnage times the distance between the U.S. and Canadian ports.

For lakewise domestic movements, ton-miles equal the cargo tonnage times the distance between the U.S. Great Lakes ports.

For overseas imports and exports, foreign ton-miles are computed by multiplying the cargo tonnage by the miles carried on U.S. waterways and channels.

Ton-miles are rounded to the nearest thousand.

**Trans-Shipments:** Ports and offshore anchorages where cargo is moved from one vessel to another.

These are: St. Lucia, Virgin Islands; Heald Bank off LA-TX coast; Chirqui Grande, Panama; Puerto Armuelles, Panama; and Hondo Platform-Pacific Ocean.

## Commodity Classification List

<u>Major Grouping</u>	<u>Minor Grouping</u>	<u>Pub Group Pub Name</u>	<u>Major Grouping</u>	<u>Minor Grouping</u>	<u>Pub Group Pub Name</u>
00	Units				3282 Pigments & Paints
		0200 Vehicles			3283 Coloring Mat. NEC
		0300 Passengers			3284 Medicines
10	Coal				3285 Perfumes & Cleansers
		1100 Coal			3286 Plastics
		1200 Coal Coke			3291 Pesticides
20	Petroleum & Petroleum Products				3292 Starches,Gluten,Glue
	21 Crude Petroleum				3293 Explosives
		2100 Crude Petroleum			3297 Chemical Additives
	22-29 Petroleum Products				3298 Wood & Resin Chem.
		2211 Gasoline			3299 Chem. Products NEC
		2221 Kerosene	40	Crude Materials, Inedible Except Fuels	
		2330 Distillate Fuel Oil		41 Forest Products, Wood and Chips	
		2340 Residual Fuel Oil			4110 Rubber & Gums
		2350 Lube Oil & Greases			4150 Fuel Wood
		2410 Petro. Jelly & Waxes			4161 Wood Chips
		2429 Naphtha & Solvents			4170 Wood in the Rough
		2430 Asphalt, Tar & Pitch			4189 Lumber
		2540 Petroleum Coke			4190 Forest Products NEC
		2640 Liquid Natural Gas		42 Pulp and Waste Paper	
		2990 Petro. Products NEC			4225 Pulp & Waste Paper
30	Chemicals and Related Products			43 Soil, Sand, Gravel, Rock and Stone	
	31 Fertilizers				4310 Building Stone
		3110 Nitrogenous Fert.			4322 Limestone
		3120 Phosphatic Fert.			4323 Gypsum
		3130 Potassic Fert.			4327 Phosphate Rock
		3190 Fert. & Mixes NEC			4331 Sand & Gravel
	32 Other Chemicals and Related Products				4333 Dredged Material
		3211 Acyclic Hydrocarbons			4335 Waterway Improv. Mat
		3212 Benzene & Toluene			4338 Soil & Fill Dirt
		3219 Other Hydrocarbons		44 Iron Ore and Scrap	
		3220 Alcohols			4410 Iron Ore
		3230 Carboxylic Acids			4420 Iron & Steel Scrap
		3240 Nitrogen Func. Comp.		45 Marine Shells	
		3250 Organo-Inorgan Comp			4515 Marine Shells
		3260 Organic Comp. NEC		46 Non-Ferrous Ores and Scrap	
		3271 Sulphur (Liquid)			4630 Copper Ore
		3272 Sulphuric Acid			4650 Aluminum Ore
		3273 Ammonia			4670 Manganese Ore
		3274 Sodium Hydroxide			4680 Non-Ferrous Scrap
		3275 Inorg. Elem.,Oxides, & Halogen Salts			4690 Non-Ferrous Ores NEC
		3276 Metallic Salts		47 Sulphur, Clay and Salt	
		3279 Inorganic Chem. NEC			4741 Sulphur, (Dry)
		3281 Radioactive Material			4782 Clay & Refrac. Mat.
					4783 Salt
				48 Slag	
					4860 Slag
				49 Other Non-Metal. Min.	
					4900 Non-Metal. Min. NEC

## Commodity Classification List (continued)

### Major Grouping

#### Minor Grouping

#### Pub Group Pub Name

- 50 Primary Manufactured Goods
  - 51 Paper Products
    - 5110 Newsprint
    - 5120 Paper & Paperboard
    - 5190 Paper Products NEC
  - 52 Lime, Cement and Glass
    - 5210 Lime
    - 5220 Cement & Concrete
    - 5240 Glass & Glass Prod.
    - 5290 Misc. Mineral Prod.
  - 53 Primary Iron and Steel Products
    - 5312 Pig Iron
    - 5315 Ferro Alloys
    - 5320 I&S Primary Forms
    - 5330 I&S Plates & Sheets
    - 5360 I&S Bars & Shapes
    - 5370 I&S Pipe & Tube
    - 5390 Primary I&S NEC
  - 54 Primary Non-Ferrous Metal Products
    - 5421 Copper
    - 5422 Aluminum
    - 5429 Smelted Prod. NEC
    - 5480 Fab. Metal Products
  - 55 Primary Wood Products; Veneer
    - 5540 Primary Wood Prod.
- 60 Food and Farm Products
  - 61 Fish
    - 6134 Fish (Not Shellfish)
    - 6136 Shellfish
  - 62-64 Grain
    - 6241 Wheat
    - 6344 Corn
    - 6442 Rice
    - 6443 Barley & Rye
    - 6445 Oats
    - 6447 Sorghum Grains
  - 65 Oilseeds
    - 6521 Peanuts
    - 6522 Soybeans
    - 6534 Flaxseed
    - 6590 Oilseeds NEC
  - 66 Vegetable Products
    - 6653 Vegetable Oils
    - 6654 Vegetables & Prod.
  - 67 Processed Grain and Animal Feed
    - 6746 Wheat Flour
    - 6747 Grain Mill Products
    - 6781 Hay & Fodder
    - 6782 Animal Feed, Prep.

### Major Grouping

#### Minor Grouping

#### Pub Group Pub Name

- 68 Other Agricultural Products
  - 6811 Meat, Fresh, Frozen
  - 6817 Meat, Prepared
  - 6822 Dairy Products
  - 6835 Fish, Prepared
  - 6838 Tallow, Animal Oils
  - 6839 Animals & Prod. NEC
  - 6856 Bananas & Plantains
  - 6857 Fruit & Nuts NEC
  - 6858 Fruit Juices
  - 6861 Sugar
  - 6865 Molasses
  - 6871 Coffee
  - 6872 Cocoa Beans
  - 6885 Alcoholic Beverages
  - 6887 Groceries
  - 6888 Water & Ice
  - 6889 Food Products NEC
  - 6891 Tobacco & Products
  - 6893 Cotton
  - 6894 Natural Fibers NEC
  - 6899 Farm Products NEC
- 70 All Manufactured Equipment, Machinery and Products
  - 7110 Machinery (Not Elec)
  - 7120 Electrical Machinery
  - 7210 Vehicles & Parts
  - 7220 Aircraft & Parts
  - 7230 Ships & Boats
  - 7300 Ordnance & Access.
  - 7400 Manufac. Wood Prod.
  - 7500 Textile Products
  - 7600 Rubber & Plastic Pr.
  - 7800 Empty Containers
  - 7900 Manufac. Prod. NEC
- 80 Waste and Scrap NEC
  - 8900 Waste and Scrap NEC
- 90 Unknown or Not Elsewhere Classified
  - 99 Unknown or Not Elsewhere Clsfd
  - 9900 Unknown or NEC



TABLE 1-TON-MILEAGE OF UNITED STATES FREIGHT CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 1994  
(thousand ton-miles)

Area	Area Totals	Foreign				Domestic								
		Overseas		Canadian		Coastwise		Lakewise		Internal		Intraport		
		In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through			
DETROIT RIVER, MI	1,926,744	33,068	162,140	72,503	421,305	-----	-----	-----	-----	168,345	1,069,143	242	-----	-----
*LAKE ERIE	11,488,891	594,894	1,781,198	2,697,772	2,601,129	-----	-----	-----	-----	3,797,893	15,986	-----	-----	19
LAKE HURON	23,411,572	1,110	1,441,620	902,043	3,189,420	-----	-----	-----	-----	4,936,423	12,940,955	-----	-----	-----
**LAKE MICHIGAN	18,710,942	1,636,006	-----	2,624,520	-----	1,332	-----	-----	-----	14,270,774	-----	36,369	-----	141,942
***LAKE ONTARIO	7,880,538	23,320	3,582,351	75,501	4,181,365	-----	-----	-----	-----	8,407	9,556	39	-----	-----
LAKE SUPERIOR	25,159,153	795,477	-----	2,976,271	400,188	-----	-----	-----	-----	20,987,166	-----	1	-----	50
ST. CLAIR RIVER, MI	2,691,016	64	203,914	5,302	595,468	-----	-----	-----	-----	187,693	1,698,574	-----	-----	-----
****ST. LAWRENCE RIVER	2,137,811	1,148	1,025,757	4,731	1,101,767	-----	-----	-----	-----	4,407	-----	-----	-----	1
ST. MARYS RIVER, MI	4,747,110	74	132,118	4,636	704,722	-----	-----	-----	-----	45,196	3,860,364	-----	-----	-----
WELLAND CANAL, CANADA	695,400	-----	250,912	-----	442,435	-----	-----	-----	-----	-----	2,053	-----	-----	-----
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	98,849,177	11,665,171	-----	23,001,078	-----	1,332	-----	-----	-----	64,002,934	-----	36,650	-----	142,011

\* Including Upper Niagara River

\*\* Including the Port of Chicago (Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet and Calumet Harbor and River)

\*\*\* Including Lower Niagara River

\*\*\*\* Between international boundary line and Lake Ontario

TABLE 2-FREIGHT TONS OF UNITED STATES TRAFFIC CARRIED ON THE GREAT LAKES BY AREA, CALENDAR YEAR 1994  
(thousand tons)

Area	Area Totals	Foreign				Domestic						Intraport In/Out		
		Overseas		Canadian		Coastwise		Lakewise		Internal				
		In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through	In/Out	Through			
DETROIT RIVER, MI	72,027	1,529	5,230	4,486	13,590									
*LAKE ERIE	83,498	2,442	6,804	16,138	10,289									19
LAKE HURON	108,454	4	5,225	4,044	13,416									
**LAKE MICHIGAN	62,747	3,159		5,465				4						4,966
***LAKE ONTARIO	26,082	40	9,206	484	16,236									0
LAKE SUPERIOR	76,771	2,064		9,316	2,325									50
ST. CLAIR RIVER, MI	75,531	2	5,229	733	15,268									
****ST. LAWRENCE RIVER	19,197	5	9,241	21	9,897									1
ST. MARY'S RIVER, MI	75,939	2	2,064	202	12,066									
WELLAND CANAL, CANADA	25,657		9,246		16,335									
NET UNITED STATES TRAFFIC ON THE GREAT LAKES	175,275	9,246		41,571		4				114,807		4,610		5,036

\* Including Upper Niagara River

\*\* Including the Port of Chicago (Chicago Harbor, North Branch, South Branch, Sanitary Ship Canal, Calumet-Sag Channel, Lake Calumet and Calumet Harbor and River)

\*\*\* Including Lower Niagara River

\*\*\*\* Between international boundary line and Lake Ontario

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES  
BY TYPE OF TRAFFIC AND COMMODITYComparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	148,147	1990	167,140
1986	137,918	1991	151,051
1987	148,108	1992	160,004
1988	168,816	1993	159,628
1989	168,902	1994	175,275

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign				Domestic			
		Imports		Exports		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
<b>Total, all commodities</b>	<b>175,275</b>	<b>17,045</b>	<b>5,983</b>	<b>24,526</b>	<b>3,263</b>	<b>4</b>	<b>114,807</b>	<b>4,610</b>	<b>5,036</b>
<b>Total coal</b>	<b>36,705</b>	<b>733</b>	-----	<b>9,643</b>	<b>41</b>	-----	<b>23,238</b>	<b>628</b>	<b>2,420</b>
1100 coal lignite	35,136	546	-----	9,298	3	-----	22,956	8	2,325
1200 coal coke	1,569	187	-----	345	38	-----	282	620	96
<b>Total petroleum and petroleum products</b>	<b>5,880</b>	<b>407</b>	<b>5</b>	<b>975</b>	<b>58</b>	-----	<b>2,033</b>	<b>1,440</b>	<b>962</b>
<b>Subtotal crude petroleum</b>	<b>61</b>	-----	-----	<b>61</b>	-----	-----	-----	-----	-----
2100 crude petroleum	61	-----	-----	61	-----	-----	-----	-----	-----
<b>Subtotal petroleum products</b>	<b>5,819</b>	<b>407</b>	<b>5</b>	<b>914</b>	<b>58</b>	-----	<b>2,033</b>	<b>1,440</b>	<b>962</b>
2211 gasoline	457	9	-----	58	-----	-----	317	58	15
2221 kerosene	17	-----	-----	17	-----	-----	-----	-----	-----
2330 distillate fuel oil	1,052	38	-----	110	-----	-----	361	308	236
2340 residual fuel oil	782	243	-----	40	-----	-----	203	171	125
2350 lube oil & greases	419	30	-----	22	0	-----	1	90	276
2410 petro. jelly & waxes	0	-----	-----	-----	0	-----	-----	-----	-----
2429 naphtha & solvents	115	0	-----	2	-----	-----	-----	70	43
2430 asphalt, tar & pitch	1,787	9	5	75	12	-----	1,116	468	103
2540 petroleum coke	1,188	78	-----	590	46	-----	35	275	164
2640 liquid natural gas	1	-----	-----	-----	-----	-----	1	0	0
2990 petro. products nec	1	-----	-----	-----	-----	-----	-----	-----	1

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES  
 BY TYPE OF TRAFFIC AND COMMODITY  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign				Domestic			
		Imports		Exports		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
<b>Total chemicals and related products</b>	<b>1,589</b>	<b>646</b>	<b>59</b>	<b>343</b>	<b>13</b>	-----	<b>126</b>	<b>315</b>	<b>87</b>
<b>Subtotal fertilizers</b>	<b>531</b>	<b>364</b>	<b>19</b>	<b>42</b>	-----	-----	<b>0</b>	<b>106</b>	-----
3110 nitrogenous fert.	158	37	15	-----	-----	-----	-----	106	-----
3120 phosphatic fert.	22	22	-----	-----	-----	-----	-----	-----	-----
3130 potassic fert.	347	305	-----	42	-----	-----	-----	-----	-----
3190 fert. & mixes nec	4	-----	4	-----	-----	-----	0	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>1,058</b>	<b>281</b>	<b>40</b>	<b>301</b>	<b>13</b>	-----	<b>126</b>	<b>209</b>	<b>87</b>
3211 acyclic hydrocarbons	3	3	-----	-----	-----	-----	0	-----	-----
3212 benzene & toluene	72	33	-----	6	-----	-----	5	-----	27
3219 other hydrocarbons	95	29	6	16	0	-----	-----	30	14
3220 alcohols	66	1	0	27	0	-----	-----	-----	38
3230 carboxylic acids	1	-----	1	0	1	-----	-----	-----	-----
3240 nitrogen func. comp.	23	21	0	1	0	-----	-----	-----	-----
3250 organo-inorgan. comp	1	0	0	0	0	-----	-----	-----	-----
3260 organic comp. nec	32	3	0	24	0	-----	-----	-----	5
3273 ammonia	5	5	-----	-----	-----	-----	-----	-----	-----
3274 sodium hydroxide	228	2	-----	221	1	-----	-----	-----	3
3275 inorg. elem., oxides, & halogen salts	59	47	9	0	3	-----	-----	-----	-----
3276 metallic salts	331	61	18	6	0	-----	121	125	-----
3279 inorganic chem. nec	1	0	0	-----	0	-----	-----	1	-----
3281 radioactive material	0	-----	0	-----	-----	-----	-----	-----	-----
3282 pigments & paints	3	0	3	0	0	-----	-----	-----	-----
3283 coloring mat. nec	0	-----	0	-----	0	-----	-----	-----	-----
3284 medicines	1	-----	0	0	1	-----	-----	-----	-----
3285 perfumes & cleansers	3	0	0	0	3	-----	-----	-----	-----
3286 plastics	54	49	3	1	2	-----	-----	-----	-----
3291 pesticides	0	-----	-----	0	0	-----	-----	-----	-----

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES  
 BY TYPE OF TRAFFIC AND COMMODITY  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign				Domestic			
		Imports		Exports		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
3292 starches, gluten, glue	26	24	1	0	0	-----	-----	-----	-----
3293 explosives	0	-----	0	-----	-----	-----	-----	-----	-----
3297 chemical additives	51	-----	0	0	0	-----	-----	51	-----
3298 wood & resin chem.	1	-----	-----	0	-----	-----	-----	1	-----
3299 chem. products nec	1	0	0	0	0	-----	0	-----	0
<b>Total crude materials, inedible except fuels</b>	<b>108,434</b>	<b>9,963</b>	<b>475</b>	<b>10,580</b>	<b>116</b>	<b>4</b>	<b>85,341</b>	<b>483</b>	<b>1,472</b>
<b>Subtotal forest products, wood and chips</b>	<b>47</b>	<b>40</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>
4150 fuel wood	0	-----	-----	-----	-----	-----	0	-----	-----
4161 wood chips	1	-----	-----	-----	-----	1	-----	-----	-----
4170 wood in the rough	2	0	-----	-----	0	-----	2	0	-----
4189 lumber	43	40	0	2	1	-----	0	0	0
4190 forest products nec	0	-----	0	0	-----	-----	-----	-----	-----
<b>Subtotal pulp and waste paper</b>	<b>34</b>	-----	<b>11</b>	-----	<b>23</b>	-----	-----	-----	-----
4225 pulp & waste paper	34	-----	11	-----	23	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>33,886</b>	<b>1,241</b>	<b>0</b>	<b>3,642</b>	<b>0</b>	-----	<b>27,480</b>	<b>65</b>	<b>1,456</b>
4310 building stone	6	-----	0	0	-----	-----	1	5	-----
4322 limestone	28,621	41	-----	3,101	-----	-----	25,439	6	35
4323 gypsum	1,020	-----	-----	-----	-----	-----	977	43	-----
4331 sand & gravel	4,192	1,200	-----	541	0	-----	1,033	12	1,406
4335 waterway improv. mat	46	-----	-----	-----	-----	-----	30	-----	16
4338 soil & fill dirt	0	-----	-----	-----	-----	-----	0	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>68,519</b>	<b>5,758</b>	<b>136</b>	<b>6,283</b>	<b>50</b>	<b>3</b>	<b>56,098</b>	<b>175</b>	<b>16</b>
4410 iron ore	68,165	5,705	57	6,281	-----	-----	56,042	66	15
4420 iron & steel scrap	354	52	79	2	50	3	56	110	1
<b>Subtotal marine shells</b>	<b>4</b>	-----	-----	-----	-----	-----	-----	<b>4</b>	-----
4515 marine shells	4	-----	-----	-----	-----	-----	-----	4	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>373</b>	<b>79</b>	<b>239</b>	<b>0</b>	<b>0</b>	-----	-----	<b>54</b>	-----
4630 copper ore	24	-----	24	-----	-----	-----	-----	-----	-----
4650 aluminum ore	48	-----	0	-----	-----	-----	-----	48	-----
4670 manganese ore	6	-----	-----	-----	-----	-----	-----	6	-----
4680 non-ferrous scrap	216	59	157	0	0	-----	-----	-----	-----
4690 non-ferrous ores nec	79	20	58	0	0	-----	-----	-----	-----

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES  
 BY TYPE OF TRAFFIC AND COMMODITY  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign				Domestic			
		Imports		Exports		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
<b>Subtotal sulphur, clay and salt</b>	<b>409</b>	<b>223</b>	<b>69</b>	<b>57</b>	<b>14</b>	-----	<b>35</b>	<b>12</b>	-----
4782 clay & refrac. mat.	409	223	69	57	14	-----	35	12	-----
<b>Subtotal slag</b>	<b>699</b>	<b>63</b>	-----	<b>3</b>	-----	-----	<b>500</b>	<b>133</b>	-----
4860 slag	699	63	-----	3	-----	-----	500	133	-----
<b>Subtotal other non-metal. min.</b>	<b>4,465</b>	<b>2,560</b>	<b>20</b>	<b>593</b>	<b>27</b>	-----	<b>1,225</b>	<b>39</b>	-----
4900 non-metal. min. nec	4,465	2,560	20	593	27	-----	1,225	39	-----
<b>Total primary manufactured goods</b>	<b>13,115</b>	<b>2,414</b>	<b>5,399</b>	<b>278</b>	<b>7</b>	-----	<b>3,551</b>	<b>1,456</b>	<b>10</b>
<b>Subtotal paper products</b>	<b>25</b>	<b>22</b>	<b>1</b>	<b>0</b>	<b>2</b>	-----	-----	-----	-----
5110 newsprint	15	15	-----	-----	0	-----	-----	-----	-----
5120 paper & paperboard	9	6	1	0	2	-----	-----	-----	-----
5190 paper products nec	0	0	0	0	0	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>5,686</b>	<b>2,240</b>	<b>3</b>	<b>252</b>	<b>3</b>	-----	<b>3,140</b>	<b>39</b>	<b>10</b>
5220 cement & concrete	5,679	2,240	-----	250	-----	-----	3,140	39	10
5240 glass & glass prod.	1	0	0	1	0	-----	-----	-----	-----
5290 misc. mineral prod.	7	0	3	1	3	-----	0	-----	0
<b>Subtotal primary iron and steel products</b>	<b>6,969</b>	<b>84</b>	<b>5,265</b>	<b>23</b>	<b>1</b>	-----	<b>411</b>	<b>1,184</b>	<b>0</b>
5312 pig iron	304	58	69	-----	0	-----	9	169	-----
5315 ferro alloys	47	-----	20	-----	-----	-----	-----	27	-----
5320 i&s primary forms	2,142	13	1,423	20	0	-----	15	671	-----
5330 i&s plates & sheets	3,542	12	3,390	1	0	-----	-----	139	0
5360 i&s bars & shapes	444	0	323	2	0	-----	115	4	-----
5370 i&s pipe & tube	36	1	30	0	1	-----	0	5	-----
5390 primary i&s nec	453	-----	10	-----	0	-----	273	170	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>405</b>	<b>38</b>	<b>130</b>	<b>2</b>	<b>1</b>	-----	<b>0</b>	<b>233</b>	<b>0</b>
5421 copper	2	-----	2	-----	0	-----	-----	-----	-----
5422 aluminum	133	38	81	0	0	-----	-----	14	-----
5429 smelted prod. nec	41	0	40	0	-----	-----	-----	-----	-----
5480 fab. metal products	229	0	7	2	0	-----	0	219	0

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES  
 BY TYPE OF TRAFFIC AND COMMODITY  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign				Domestic			
		Imports		Exports		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
<b>Subtotal primary wood products</b>	<b>31</b>	<b>29</b>	<b>1</b>	<b>1</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
5540 primary wood prod.	31	29	1	1	-----	-----	-----	-----	-----
<b>Total food and farm products</b>	<b>8,642</b>	<b>2,264</b>	<b>3</b>	<b>2,611</b>	<b>3,002</b>	<b>-----</b>	<b>474</b>	<b>282</b>	<b>6</b>
<b>Subtotal fish</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6134 fish (not shellfish)	0	-----	0	0	-----	-----	-----	-----	-----
6136 shellfish	0	-----	-----	0	0	-----	-----	-----	-----
<b>Subtotal grain</b>	<b>6,920</b>	<b>2,222</b>	<b>0</b>	<b>2,119</b>	<b>1,927</b>	<b>-----</b>	<b>473</b>	<b>172</b>	<b>6</b>
6241 wheat	2,912	869	-----	787	763	-----	473	16	3
6344 corn	1,413	-----	-----	744	512	-----	-----	156	2
6442 rice	0	-----	0	0	-----	-----	-----	-----	-----
6443 barley & rye	1,810	591	-----	569	651	-----	-----	-----	-----
6445 oats	783	763	-----	19	-----	-----	-----	-----	1
<b>Subtotal oilseeds</b>	<b>1,564</b>	<b>-----</b>	<b>-----</b>	<b>468</b>	<b>996</b>	<b>-----</b>	<b>-----</b>	<b>100</b>	<b>-----</b>
6522 soybeans	1,408	-----	-----	468	842	-----	-----	99	-----
6590 oilseeds nec	156	-----	-----	-----	154	-----	-----	1	-----
<b>Subtotal vegetable products</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>13</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6653 vegetable oils	11	0	0	0	11	-----	-----	-----	-----
6654 vegetables & prod.	3	0	1	0	2	-----	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>54</b>	<b>30</b>	<b>0</b>	<b>7</b>	<b>7</b>	<b>-----</b>	<b>0</b>	<b>10</b>	<b>-----</b>
6747 grain mill products	1	-----	0	0	0	-----	0	-----	-----
6781 hay & fodder	30	30	-----	-----	0	-----	0	-----	-----
6782 animal feed, prep.	24	0	0	7	7	-----	-----	10	-----
<b>Subtotal other agricultural products</b>	<b>90</b>	<b>12</b>	<b>1</b>	<b>17</b>	<b>59</b>	<b>-----</b>	<b>1</b>	<b>0</b>	<b>0</b>
6811 meat, fresh, frozen	4	-----	0	1	3	-----	-----	-----	-----
6817 meat, prepared	0	-----	0	0	-----	-----	-----	-----	-----
6822 dairy products	1	-----	0	0	0	-----	-----	0	0
6835 fish, prepared	0	-----	0	-----	-----	-----	-----	-----	-----
6838 tallow, animal oils	41	-----	-----	0	41	-----	-----	-----	-----
6839 animals & prod. nec	0	-----	0	0	0	-----	-----	-----	-----
6857 fruit & nuts nec	2	0	0	0	2	-----	0	-----	-----
6858 fruit juices	1	-----	0	0	1	-----	-----	-----	-----
6861 sugar	0	-----	-----	0	-----	-----	-----	-----	-----
6871 coffee	2	-----	-----	2	0	-----	-----	-----	-----

TABLE 3 - NET SUMMARY OF FOREIGN AND DOMESTIC FREIGHT CARRIED ON THE GREAT LAKES  
BY TYPE OF TRAFFIC AND COMMODITY  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign				Domestic			
		Imports		Exports		Coastwise	Lakewise	Internal	Intraport
		Canadian	Overseas	Canadian	Overseas				
6872 cocoa beans	11	-----	0	10	-----	-----	-----	-----	-----
6885 alcoholic beverages	2	0	1	0	1	-----	-----	0	-----
6887 groceries	0	-----	-----	-----	-----	-----	0	0	-----
6888 water & ice	0	-----	-----	0	-----	-----	-----	-----	-----
6889 food products nec	4	0	0	2	1	-----	0	0	-----
6891 tobacco & products	0	0	-----	-----	0	-----	-----	-----	-----
6893 cotton	1	-----	-----	-----	1	-----	-----	-----	-----
6894 natural fibers nec	0	-----	0	-----	-----	-----	-----	-----	-----
6899 farm products nec	22	12	0	0	11	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>785</b>	<b>616</b>	<b>42</b>	<b>37</b>	<b>25</b>	-----	<b>32</b>	<b>6</b>	<b>26</b>
7110 machinery (not elec)	117	17	33	21	15	-----	2	4	26
7120 electrical machinery	7	1	2	4	1	-----	0	-----	-----
7210 vehicles & parts	547	538	3	1	6	-----	0	-----	-----
7220 aircraft & parts	0	-----	0	-----	0	-----	-----	-----	-----
7230 ships & boats	6	0	0	6	0	-----	0	-----	-----
7300 ordnance & access.	0	-----	0	-----	0	-----	-----	-----	-----
7400 manufac. wood prod.	0	0	0	0	0	-----	0	-----	0
7500 textile products	4	0	1	3	0	-----	-----	-----	-----
7600 rubber & plastic pr.	63	58	1	0	2	-----	-----	2	-----
7900 manufac. prod. nec	39	1	3	3	2	-----	30	-----	-----
<b>Total waste and scrap nec</b>	<b>52</b>	-----	-----	-----	-----	-----	<b>0</b>	-----	<b>52</b>
8900 waste and scrap nec	52	-----	-----	-----	-----	-----	0	-----	52
<b>Total unknown or not elsewhere classified</b>	<b>72</b>	<b>3</b>	<b>0</b>	<b>57</b>	<b>0</b>	-----	<b>12</b>	-----	<b>0</b>
9900 unknown or nec	72	3	0	57	0	-----	12	-----	0



## Section 1 Freight Traffic



## TWO HARBORS (AGATE BAY), MN

Section Included: Entire harbor. Controlling Depth: 28 feet except for a 26 foot area along the east project line.  
 Project Depth: 28 feet in inner basin and 30 feet near entrance.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	9,631	1990	12,313
1986	6,609	1991	12,501
1987	7,414	1992	11,160
1988	12,116	1993	10,711
1989	10,536	1994	9,288

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Shipments
<b>Total, all commodities</b>	<b>9,288</b>	<b>9,288</b>
<b>Total crude materials, inedible except fuels</b>	<b>9,288</b>	<b>9,288</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>214</b>	<b>214</b>
4322 limestone	214	214
<b>Subtotal iron ore and scrap</b>	<b>9,074</b>	<b>9,074</b>
4410 iron ore	9,047	9,047
4420 iron & steel scrap	26	26

## DULUTH-SUPERIOR HARBOR, MN AND WI

Section Included: Superior Bay and its tributaries, St. Louis Bay and St. Louis River, and Allouez Bay. Controlling Depth: 32 feet in lake approaches, diminishing to a minimum of 20 feet in certain inner channels; there are numerous 1-2 foot shoals scattered in portions of the Duluth and Superior Harbor Basins. Project Depth: 32 feet in lake approaches; 27 feet in Duluth and Superior Harbor Basins, superior front channel, and in ore-channel routes through north and south channels to D. M. & I. R. R.Y. ore docks; 27 feet in Howards Bay and Allouez Bay; 23 feet in remaining portion of south, upper, and Minnesota channels to Hallet Dock No. 6; and 20 feet from thence to northerly end of Clough Island. Navigation Season: April 3 to January 11.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	28,817	1990	40,766
1986	29,155	1991	37,716
1987	36,463	1992	39,304
1988	40,002	1993	37,679
1989	40,803	1994	41,819

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			Internal Intraport
		Imports	Exports	Imports	Exports	Total	Lakewise	Shipments	
						Receipts			
<b>Total, all commodities</b>	<b>41,819</b>	<b>75</b>	<b>1,966</b>	<b>1,971</b>	<b>5,424</b>	<b>32,384</b>	<b>3,192</b>	<b>29,142</b>	<b>50</b>
<b>Total coal</b>	<b>13,474</b>	-----	<b>3</b>	-----	<b>111</b>	<b>13,359</b>	<b>84</b>	<b>13,276</b>	-----
1100 coal lignite	13,474	-----	3	-----	111	13,359	84	13,276	-----
<b>Total petroleum and petroleum products</b>	<b>206</b>	-----	<b>46</b>	<b>15</b>	<b>75</b>	<b>70</b>	<b>20</b>	-----	<b>50</b>
<b>Subtotal petroleum products</b>	<b>206</b>	-----	<b>46</b>	<b>15</b>	<b>75</b>	<b>70</b>	<b>20</b>	-----	<b>50</b>
2330 distillate fuel	6	-----	-----	-----	-----	6	-----	-----	6
2340 oil residual fuel	54	-----	-----	15	-----	39	-----	-----	39
2540 oil petroleum coke	146	-----	46	-----	75	26	20	-----	5
<b>Total chemicals and related products</b>	<b>19</b>	<b>0</b>	<b>3</b>	-----	-----	<b>17</b>	<b>17</b>	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>19</b>	<b>0</b>	<b>3</b>	-----	-----	<b>17</b>	<b>17</b>	-----	-----
3220 alcohols	0	-----	0	-----	-----	-----	-----	-----	-----
3230 carboxylic acids	1	-----	1	-----	-----	-----	-----	-----	-----
3240 nitrogen func. comp.	0	-----	0	-----	-----	-----	-----	-----	-----
3250 organo- inorgan. comp	0	-----	0	-----	-----	-----	-----	-----	-----
3260 organic comp. nec	0	0	0	-----	-----	-----	-----	-----	-----

DULUTH-SUPERIOR HARBOR, MN AND WI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	
							Receipts	Shipments
								Internal Intraport
3275 inorg. elem., oxides, & halogen salts	0	-----	0	-----	-----	-----	-----	-----
3276 metallic salts	17	-----	0	-----	-----	17	17	-----
3282 pigments & paints	0	-----	0	-----	-----	-----	-----	-----
3283 coloring mat. nec	0	-----	0	-----	-----	-----	-----	-----
3284 medicines	0	-----	0	-----	-----	-----	-----	-----
3285 perfumes & cleansers	0	-----	0	-----	-----	-----	-----	-----
3286 plastics	1	-----	1	-----	-----	-----	-----	-----
3291 pesticides	0	-----	0	-----	-----	-----	-----	-----
3292 starches, gluten, glue	0	-----	0	-----	-----	-----	-----	-----
3297 chemical additives	0	-----	0	-----	-----	-----	-----	-----
3299 chem. products nec	0	-----	0	-----	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>22,472</b>	<b>0</b>	<b>34</b>	<b>104</b>	<b>4,108</b>	<b>18,225</b>	<b>2,831</b>	<b>15,393</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4189 lumber	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4225 pulp & waste paper	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,954</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>15</b>	<b>2,939</b>	<b>2,826</b>	<b>112</b>
4310 building stone	0	0	-----	-----	-----	-----	-----	-----
4322 limestone	2,952	-----	-----	-----	13	2,939	2,826	112
4331 sand & gravel	2	-----	-----	-----	2	-----	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>19,332</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>4,051</b>	<b>15,281</b>	<b>-----</b>	<b>15,281</b>
4410 iron ore	19,304	-----	-----	-----	4,051	15,253	-----	15,253
4420 iron & steel scrap	28	-----	-----	-----	-----	28	-----	28
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4680 non-ferrous scrap	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>48</b>	<b>-----</b>	<b>6</b>	<b>-----</b>	<b>42</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4782 clay & refrac. mat.	48	-----	6	-----	42	-----	-----	-----

DULUTH-SUPERIOR HARBOR, MN AND WI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	Internal
						Receipts	Shipments	Intraport
<b>Subtotal other non-metal. min.</b>	<b>136</b>	-----	<b>27</b>	<b>104</b>	-----	<b>5</b>	<b>5</b>	-----
4900 non-metal. min. nec	136	-----	27	104	-----	5	5	-----
<b>Total primary manufactured goods</b>	<b>604</b>	<b>74</b>	<b>4</b>	<b>270</b>	<b>16</b>	<b>240</b>	<b>240</b>	-----
<b>Subtotal paper products</b>	<b>1</b>	-----	<b>1</b>	-----	-----	-----	-----	-----
5120 paper & paperboard	1	-----	1	-----	-----	-----	-----	-----
5190 paper products nec	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>528</b>	<b>0</b>	<b>2</b>	<b>270</b>	<b>15</b>	<b>240</b>	<b>240</b>	-----
5220 cement & concrete	526	-----	-----	270	15	240	240	-----
5240 glass & glass prod.	0	0	0	-----	-----	-----	-----	-----
5290 misc. mineral prod.	2	0	2	-----	-----	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>75</b>	<b>74</b>	<b>0</b>	-----	<b>0</b>	-----	-----	-----
5330 i&s plates & sheets	75	74	0	-----	0	-----	-----	-----
5360 i&s bars & shapes	0	0	-----	-----	-----	-----	-----	-----
5390 primary i&s nec	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	-----	<b>0</b>	-----	<b>0</b>	-----	-----	-----
5421 copper	0	-----	0	-----	-----	-----	-----	-----
5480 fab. metal products	0	-----	0	-----	0	-----	-----	-----
<b>Total food and farm products</b>	<b>5,042</b>	<b>0</b>	<b>1,874</b>	<b>1,581</b>	<b>1,113</b>	<b>473</b>	<b>473</b>	-----
<b>Subtotal fish</b>	<b>0</b>	-----	<b>0</b>	-----	<b>0</b>	-----	-----	-----
6134 fish (not shellfish)	0	-----	-----	-----	0	-----	-----	-----
6136 shellfish	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal grain</b>	<b>4,479</b>	-----	<b>1,407</b>	<b>1,570</b>	<b>1,029</b>	<b>473</b>	<b>473</b>	-----
6241 wheat	2,107	-----	755	417	461	473	473	-----
6443 barley & rye	1,805	-----	651	585	569	-----	-----	-----
6445 oats	567	-----	-----	567	-----	-----	-----	-----
<b>Subtotal oilseeds</b>	<b>528</b>	-----	<b>444</b>	-----	<b>84</b>	-----	-----	-----
6522 soybeans	374	-----	290	-----	84	-----	-----	-----
6590 oilseeds nec	154	-----	154	-----	-----	-----	-----	-----

DULUTH-SUPERIOR HARBOR, MN AND WI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise Receipts Shipments	Internal Intraport
<b>Subtotal vegetable products</b>	<b>1</b>	-----	<b>1</b>	-----	-----	-----	-----	-----
6654 vegetables & prod.	1	-----	1	-----	-----	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>18</b>	-----	<b>7</b>	<b>12</b>	-----	-----	-----	-----
6747 grain mill products	0	-----	0	-----	-----	-----	-----	-----
6781 hay & fodder	12	-----	-----	12	-----	-----	-----	-----
6782 animal feed, prep.	7	-----	7	-----	-----	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>15</b>	<b>0</b>	<b>15</b>	-----	-----	-----	-----	-----
6811 meat, fresh, frozen	2	-----	2	-----	-----	-----	-----	-----
6822 dairy products	0	-----	0	-----	-----	-----	-----	-----
6857 fruit & nuts nec	0	-----	0	-----	-----	-----	-----	-----
6858 fruit juices	1	-----	1	-----	-----	-----	-----	-----
6871 coffee	0	-----	0	-----	-----	-----	-----	-----
6885 alcoholic beverages	0	-----	0	-----	-----	-----	-----	-----
6889 food products nec	0	0	0	-----	-----	-----	-----	-----
6893 cotton	1	-----	1	-----	-----	-----	-----	-----
6899 farm products nec	11	-----	11	-----	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>4</b>	<b>0</b>	<b>2</b>	-----	<b>1</b>	-----	-----	-----
7110 machinery (not elec)	1	0	1	-----	-----	-----	-----	-----
7120 electrical machinery	1	0	0	-----	1	-----	-----	-----
7210 vehicles & parts	0	-----	0	-----	-----	-----	-----	-----
7220 aircraft & parts	0	-----	0	-----	-----	-----	-----	-----
7230 ships & boats	0	-----	0	-----	-----	-----	-----	-----
7500 textile products	0	0	0	-----	-----	-----	-----	-----
7600 rubber & plastic pr.	1	0	1	-----	-----	-----	-----	-----
7900 manufac. prod. nec	0	0	0	-----	-----	-----	-----	-----

## TACONITE HARBOR, MN

## NON-CORPS PROJECT

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	5,446	1990	9,651
1986	6,102	1991	8,684
1987	7,555	1992	9,069
1988	8,267	1993	9,716
1989	8,991	1994	9,510

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
<b>Total, all commodities</b>	<b>9,510</b>	<b>746</b>	<b>8,765</b>
<b>Total coal</b>	<b>746</b>	<b>746</b>	-----
1100 coal lignite	746	746	-----
<b>Total crude materials, inedible except fuels</b>	<b>8,765</b>	-----	<b>8,765</b>
<b>Subtotal iron ore and scrap</b>	<b>8,765</b>	-----	<b>8,765</b>
4410 iron ore	8,765	-----	8,765



## Other Harbors and Waterways

Harbor or Waterway	Commodity	Tons Thousand
Project		
ASHLAND HARBOR, WI	1100 coal lignite	58
	4322 limestone	39
	4630 copper ore	24
	<b>Total Tons(x1000)</b>	<b>120</b>
BAYFIELD HARBOR, WI	2211 gasoline	1
	2330 distillate fuel oil	0
	2640 liquid natural gas	0
	4150 fuel wood	0
	4189 lumber	0
	4331 sand & gravel	8
	4335 waterway improv. mat	0
	5290 misc. mineral prod.	0
	7230 ships & boats	0
	7900 manufac. prod. nec	19
	<b>Total Tons(x1000)</b>	<b>29</b>
BEAVER BAY HARBOR, MN	No Commerce Reported	
CHIPPEWA HARBOR (ISLE ROYALE), MI	No Commerce Reported	
CORNUCOPIA HARBOR, WI	No Commerce Reported	
GRAND MARAIS HARBOR, MN	No Commerce Reported	
KNIFE RIVER HARBOR, MN	No Commerce Reported	
LA POINTE HARBOR, WI	2211 gasoline	1
	2330 distillate fuel oil	0
	2640 liquid natural gas	0
	7900 manufac. prod. nec	19
	<b>Total Tons(x1000)</b>	<b>20</b>
LUTSEN HARBOR, MN	No Commerce Reported	
PORT WING HARBOR, WI	No Commerce Reported	
WARROAD HARBOR, MN	No Commerce Reported	
Non-project		
SILVER BAY, MN	1100 coal lignite	324
	4322 limestone	192
	4410 iron ore	3,912
	<b>Total Tons(x1000)</b>	<b>4,428</b>

## WAUKEGAN HARBOR, IL

Section Included: Artificial harbor basin of about 13.5 acres and entrance channel from Lake Michigan approximately 2,200 feet in length. Project Depth: 22 feet in entrance channel; 18 feet between piers and inner basin; 8 feet in anchorage area of approximately 6 acres.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	405	1990	490
1986	464	1991	598
1987	458	1992	520
1988	480	1993	577
1989	470	1994	604

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Domestic		
		Lakewise Receipts	Shipments	Internal Intraport
<b>Total, all commodities</b>	<b>604</b>	<b>523</b>	<b>77</b>	<b>4</b>
<b>Total crude materials, inedible except fuels</b>	<b>328</b>	<b>251</b>	<b>77</b>	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>328</b>	<b>251</b>	<b>77</b>	-----
4323 gypsum	248	248		-----
4331 sand & gravel	77		77	-----
4335 waterway improv. mat	3	3		-----
<b>Total primary manufactured goods</b>	<b>271</b>	<b>271</b>	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>271</b>	<b>271</b>	-----	-----
5220 cement & concrete	271	271	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>4</b>
7110 machinery (not elec)	5	0	0	4

## CHICAGO RIVER (MAIN AND NORTH BRANCH), IL (INCLUDED IN PORT OF CHICAGO)

Section Included: Main River from Rush Street to junction of North and South Branch; North Branch to North Avenue. Project Depth: 21 feet from Rush Street in the Main River to North Avenue in the North Branch, including the North Branch Canal and the North Turning Branch Basin.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	1,566	1990	2,207
1986	2,678	1991	1,802
1987	1,814	1992	1,337
1988	1,779	1993	1,764
1989	1,709	1994	1,944

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Domestic				
		Lakewise Shipments	Internal			
			Inbound Upbound	Outbound Downbnd	Through Upbound	Downbnd
<b>Total, all commodities</b>	<b>1,944</b>	<b>6</b>	<b>966</b>	<b>165</b>	<b>592</b>	<b>214</b>
<b>Total coal</b>	<b>45</b>	-----	<b>20</b>	-----	-----	<b>24</b>
1100 coal lignite	22	-----	19	-----	-----	3
1200 coal coke	22	-----	2	-----	-----	21
<b>Total petroleum and petroleum products</b>	<b>466</b>	-----	-----	-----	<b>393</b>	<b>73</b>
<b>Subtotal petroleum products</b>	<b>466</b>	-----	-----	-----	<b>393</b>	<b>73</b>
2211 gasoline	15	-----	-----	-----	13	1
2330 distillate fuel oil	122	-----	-----	-----	106	16
2340 residual fuel oil	66	-----	-----	-----	21	44
2350 lube oil & greases	3	-----	-----	-----	3	-----
2429 naphtha & solvents	9	-----	-----	-----	5	4
2430 asphalt, tar & pitch	162	-----	-----	-----	162	-----
2540 petroleum coke	90	-----	-----	-----	82	7
<b>Total chemicals and related products</b>	<b>156</b>	-----	-----	<b>3</b>	<b>119</b>	<b>34</b>
<b>Subtotal fertilizers</b>	<b>15</b>	-----	-----	-----	-----	<b>15</b>
3110 nitrogenous fert.	15	-----	-----	-----	-----	15
<b>Subtotal other chemicals and related products</b>	<b>141</b>	-----	-----	<b>3</b>	<b>119</b>	<b>19</b>
3219 other hydrocarbons	3	-----	-----	3	-----	-----
3276 metallic salts	119	-----	-----	-----	119	-----
3297 chemical additives	19	-----	-----	-----	-----	19
<b>Total crude materials, inedible except fuels</b>	<b>1,016</b>	-----	<b>857</b>	<b>118</b>	<b>8</b>	<b>32</b>
<b>Subtotal forest products, wood and chips</b>	<b>2</b>	-----	<b>2</b>	-----	-----	-----
4161 wood chips	2	-----	2	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>649</b>	-----	<b>648</b>	-----	<b>1</b>	-----
4323 gypsum	1	-----	-----	-----	1	-----
4331 sand & gravel	648	-----	648	-----	-----	-----

CHICAGO RIVER (MAIN AND NORTH BRANCH), IL (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Domestic			
		Lakewise Shipments	Internal		Through
			Inbound Upbound	Outbound Downbnd	
<b>Subtotal iron ore and scrap</b>	<b>132</b>	-----	-----	<b>118</b>	<b>7</b>
4410 iron ore	7	-----	-----	-----	7
4420 iron & steel scrap	125	-----	-----	118	7
<b>Subtotal sulphur, clay and salt</b>	<b>4</b>	-----	-----	-----	<b>4</b>
4782 clay & refrac. mat.	4	-----	-----	-----	4
<b>Subtotal other non-metal. min.</b>	<b>229</b>	-----	<b>208</b>	-----	<b>21</b>
4900 non-metal. min. nec	229	-----	208	-----	21
<b>Total primary manufactured goods</b>	<b>152</b>	<b>6</b>	<b>89</b>	-----	<b>7</b>
<b>Subtotal lime, cement and glass</b>	<b>89</b>	-----	<b>87</b>	-----	<b>1</b>
5220 cement & concrete	87	-----	87	-----	-----
5290 misc. mineral prod.	1	-----	-----	-----	1
<b>Subtotal primary Iron and steel products</b>	<b>63</b>	<b>6</b>	<b>1</b>	-----	<b>7</b>
5312 pig iron	39	6	1	-----	31
5315 ferro alloys	7	-----	-----	-----	7
5360 i&s bars & shapes	2	-----	-----	-----	2
5370 i&s pipe & tube	5	-----	-----	-----	5
5390 primary i&s nec	10	-----	-----	-----	2
<b>Total food and farm products</b>	<b>69</b>	-----	-----	<b>5</b>	<b>65</b>
<b>Subtotal grain</b>	<b>41</b>	-----	-----	<b>5</b>	<b>36</b>
6241 wheat	5	-----	-----	-----	5
6344 corn	36	-----	-----	5	31
<b>Subtotal oilseeds</b>	<b>28</b>	-----	-----	-----	<b>28</b>
6522 soybeans	28	-----	-----	-----	28
<b>Total all manufactured equipment, machinery and products</b>	<b>2</b>	-----	-----	-----	<b>2</b>
7110 machinery (not elec)	2	-----	-----	-----	2
<b>Total waste and scrap nec</b>	<b>40</b>	-----	-----	<b>40</b>	-----
8900 waste and scrap nec	40	-----	-----	40	-----
<b>Ton-miles (x1000)</b>	<b>1,316</b>	<b>0</b>	<b>906</b>	<b>410</b>	<b>0</b>
<b>Tons All Traffic (x1000)</b>	<b>1,944</b>				
<b>Ton-miles All Traffic (x1000)</b>	<b>1,316</b>				

CHICAGO RIVER, SOUTH BRANCH, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN  
STATISTICS FOR ILLINOIS WATERWAY)

Section Included: Damen Avenue to Lake Street. Project Depth: 9 feet at low water stages.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	1,982	1990	2,857
1986	3,334	1991	2,461
1987	2,371	1992	1,853
1988	2,054	1993	2,368
1989	2,220	1994	2,844

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Internal			
		Inbound	Outbound	Through	
		Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>2,844</b>	<b>788</b>	<b>119</b>	<b>1,180</b>	<b>758</b>
<b>Total coal</b>	<b>433</b>	<b>387</b>	<b>2</b>	<b>45</b>	-----
1100 coal lignite	409	387	-----	22	-----
1200 coal coke	24	-----	2	22	-----
<b>Total petroleum and petroleum products</b>	<b>527</b>	<b>61</b>	-----	<b>73</b>	<b>393</b>
<b>Subtotal petroleum products</b>	<b>527</b>	<b>61</b>	-----	<b>73</b>	<b>393</b>
2211 gasoline	15	-----	-----	1	13
2330 distillate fuel oil	122	-----	-----	16	106
2340 residual fuel oil	66	-----	-----	44	21
2350 lube oil & greases	64	61	-----	-----	3
2429 naphtha & solvents	9	-----	-----	4	5
2430 asphalt, tar & pitch	162	-----	-----	-----	162
2540 petroleum coke	90	-----	-----	7	82
<b>Total chemicals and related products</b>	<b>156</b>	-----	-----	<b>34</b>	<b>122</b>
<b>Subtotal fertilizers</b>	<b>15</b>	-----	-----	<b>15</b>	-----
3110 nitrogenous fert.	15	-----	-----	15	-----
<b>Subtotal other chemicals and related products</b>	<b>141</b>	-----	-----	<b>19</b>	<b>122</b>
3219 other hydrocarbons	3	-----	-----	-----	3
3276 metallic salts	119	-----	-----	-----	119
3297 chemical additives	19	-----	-----	19	-----
<b>Total crude materials, inedible except fuels</b>	<b>1,455</b>	<b>325</b>	<b>114</b>	<b>889</b>	<b>127</b>
<b>Subtotal forest products, wood and chips</b>	<b>2</b>	-----	-----	<b>2</b>	-----
4161 wood chips	2	-----	-----	2	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>945</b>	<b>296</b>	-----	<b>648</b>	<b>1</b>
4322 limestone	2	2	-----	-----	-----
4323 gypsum	1	-----	-----	-----	1
4331 sand & gravel	941	294	-----	648	-----
<b>Subtotal Iron ore and scrap</b>	<b>252</b>	<b>6</b>	<b>114</b>	<b>7</b>	<b>125</b>
4410 iron ore	10	3	-----	7	-----
4420 iron & steel scrap	242	3	114	-----	125

CHICAGO RIVER, SOUTH BRANCH, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN  
STATISTICS FOR ILLINOIS WATERWAY)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Internal			
		Inbound Upbound	Outbound Downbnd	Through Upbound Downbnd	
<b>Subtotal sulphur, clay and salt</b>	<b>4</b>	-----	-----	<b>4</b>	-----
4782 clay & refrac. mat.	4	-----	-----	4	-----
<b>Subtotal other non-metal. min.</b>	<b>252</b>	<b>23</b>	-----	<b>229</b>	-----
4900 non-metal. min. nec	252	23	-----	229	-----
<b>Total primary manufactured goods</b>	<b>160</b>	<b>15</b>	-----	<b>139</b>	<b>7</b>
<b>Subtotal paper products</b>	<b>6</b>	<b>6</b>	-----	-----	-----
5110 newsprint	3	3	-----	-----	-----
5190 paper products nec	3	3	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>89</b>	-----	-----	<b>89</b>	-----
5220 cement & concrete	87	-----	-----	87	-----
5290 misc. mineral prod.	1	-----	-----	1	-----
<b>Subtotal primary Iron and steel products</b>	<b>57</b>	-----	-----	<b>50</b>	<b>7</b>
5312 pig iron	33	-----	-----	33	-----
5315 ferro alloys	7	-----	-----	7	-----
5360 i&s bars & shapes	2	-----	-----	2	-----
5370 i&s pipe & tube	5	-----	-----	-----	5
5390 primary i&s nec	10	-----	-----	8	2
<b>Subtotal primary wood products</b>	<b>9</b>	<b>9</b>	-----	-----	-----
5540 primary wood prod.	9	9	-----	-----	-----
<b>Total food and farm products</b>	<b>73</b>	-----	<b>3</b>	-----	<b>69</b>
<b>Subtotal grain</b>	<b>43</b>	-----	<b>2</b>	-----	<b>41</b>
6241 wheat	5	-----	-----	-----	5
6344 corn	38	-----	2	-----	36
<b>Subtotal oilseeds</b>	<b>28</b>	-----	-----	-----	<b>28</b>
6522 soybeans	28	-----	-----	-----	28
<b>Subtotal processed grain and animal feed</b>	<b>2</b>	-----	<b>2</b>	-----	-----
6782 animal feed, prep.	2	-----	2	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>2</b>	-----	-----	-----	<b>2</b>
7110 machinery (not elec)	2	-----	-----	-----	2
<b>Total waste and scrap nec</b>	<b>40</b>	-----	-----	-----	<b>40</b>
8900 waste and scrap nec	40	-----	-----	-----	40
<b>Ton-miles (x1000)</b>	<b>10,274</b>	<b>586</b>	<b>0</b>	<b>5,899</b>	<b>3,790</b>
<b>Tons All Traffic (x1000)</b>	<b>2,844</b>				
<b>Ton-miles All Traffic (x1000)</b>	<b>10,274</b>				

## LAKE CALUMET, IL (INCLUDED IN PORT OF CHICAGO)

Section Included: Entrance channel from the Calumet River to a harbor area at south end of lake with a channel extending northward for a distance of 3,000 feet and a width of 1,000 feet. Project Depth: 27 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	1,419	1990	1,304
1986	1,454	1991	1,165
1987	1,267	1992	1,329
1988	1,261	1993	1,489
1989	1,548	1994	2,068

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign	Canadian	
		Imports	Imports	Exports
<b>Total, all commodities</b>	<b>177</b>	<b>80</b>	<b>45</b>	<b>52</b>
<b>Total petroleum and petroleum products</b>	<b>19</b>	-----	-----	<b>19</b>
<b>Subtotal petroleum products</b>	<b>19</b>	-----	-----	<b>19</b>
2330 distillate fuel oil	19	-----	-----	19
<b>Total chemicals and related products</b>	<b>44</b>	<b>9</b>	<b>2</b>	<b>33</b>
<b>Subtotal other chemicals and related products</b>	<b>44</b>	<b>9</b>	<b>2</b>	<b>33</b>
3219 other hydrocarbons	6	6	-----	-----
3274 sodium hydroxide	35	-----	2	33
3282 pigments & paints	2	2	-----	-----
3292 starches, gluten, glue	0	0	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>5</b>	-----	<b>5</b>	-----
<b>Subtotal iron ore and scrap</b>	<b>5</b>	-----	<b>5</b>	-----
4420 iron & steel scrap	5	-----	5	-----
<b>Total primary manufactured goods</b>	<b>74</b>	<b>71</b>	<b>3</b>	-----
<b>Subtotal primary iron and steel products</b>	<b>67</b>	<b>64</b>	<b>3</b>	-----
5330 i&s plates & sheets	67	64	3	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>7</b>	<b>7</b>	-----	-----
5421 copper	0	0	-----	-----
5422 aluminum	7	7	-----	-----
<b>Total food and farm products</b>	<b>35</b>	<b>0</b>	<b>35</b>	-----
<b>Subtotal grain</b>	<b>35</b>	-----	<b>35</b>	-----
6445 oats	35	-----	35	-----
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>0</b>	-----	-----
6885 alcoholic beverages	0	0	-----	-----

LAKE CALUMET, IL (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Foreign	Canadian	
		Imports	Imports	Exports
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	-----	-----
7110 machinery (not elec)	0	0	-----	-----
7120 electrical machinery	0	0	-----	-----
7400 manufac. wood prod.	0	0	-----	-----
7900 manufac. prod. nec	0	0	-----	-----
<b>Ton-miles (x1000) Foreign &amp; Canadian</b>	<b>177</b>	<b>80</b>	<b>45</b>	<b>52</b>

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
<b>Total, all commodities</b>	<b>1,891</b>	<b>1</b>	<b>542</b>	<b>17</b>	<b>685</b>	<b>637</b>	<b>8</b>
<b>Total coal</b>	<b>3</b>	-----	-----	-----	<b>2</b>	<b>2</b>	-----
1200 coal coke	3	-----	-----	-----	2	2	-----
<b>Total petroleum and petroleum products</b>	<b>8</b>	-----	<b>4</b>	-----	-----	<b>4</b>	-----
<b>Subtotal petroleum products</b>	<b>8</b>	-----	<b>4</b>	-----	-----	<b>4</b>	-----
2330 distillate fuel oil	0	-----	0	-----	-----	-----	-----
2340 residual fuel oil	2	-----	2	-----	-----	-----	-----
2430 asphalt, tar & pitch	3	-----	-----	-----	-----	3	-----
2540 petroleum coke	3	-----	1	-----	-----	1	-----
<b>Total chemicals and related products</b>	<b>411</b>	-----	-----	-----	<b>196</b>	<b>215</b>	-----
<b>Subtotal fertilizers</b>	<b>2</b>	-----	-----	-----	<b>2</b>	-----	-----
3190 fert. & mixes nec	2	-----	-----	-----	2	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>410</b>	-----	-----	-----	<b>195</b>	<b>215</b>	-----
3212 benzene & toluene	158	-----	-----	-----	-----	158	-----
3219 other hydrocarbons	1	-----	-----	-----	1	-----	-----
3220 alcohols	55	-----	-----	-----	4	50	-----
3240 nitrogen func. comp.	1	-----	-----	-----	1	-----	-----
3260 organic comp. nec	18	-----	-----	-----	13	5	-----
3274 sodium hydroxide	163	-----	-----	-----	161	2	-----
3279 inorganic chem. nec	2	-----	-----	-----	2	-----	-----
3299 chem. products nec	12	-----	-----	-----	12	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>296</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>78</b>	<b>214</b>	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>29</b>	-----	-----	<b>1</b>	<b>28</b>	-----	-----
4310 building stone	7	-----	-----	1	5	-----	-----
4331 sand & gravel	23	-----	-----	-----	23	-----	-----



LAKE CALUMET, IL (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
<b>Subtotal Iron ore and scrap</b>	<b>254</b>	<b>1</b>	-----	-----	<b>38</b>	<b>214</b>	-----
4410 iron ore	23	-----	-----	-----	23	-----	-----
4420 iron & steel scrap	231	1	-----	-----	15	214	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>6</b>	-----	-----	-----	<b>6</b>	-----	-----
4670 manganese ore	4	-----	-----	-----	4	-----	-----
4690 non-ferrous ores nec	2	-----	-----	-----	2	-----	-----
<b>Subtotal slag</b>	<b>3</b>	-----	<b>1</b>	-----	<b>2</b>	-----	-----
4860 slag	3	-----	1	-----	2	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>5</b>	-----	-----	-----	<b>5</b>	-----	-----
4900 non-metal. min. nec	5	-----	-----	-----	5	-----	-----
<b>Total primary manufactured goods</b>	<b>943</b>	-----	<b>537</b>	<b>15</b>	<b>378</b>	<b>5</b>	<b>8</b>
<b>Subtotal lime, cement and glass</b>	<b>313</b>	-----	<b>281</b>	<b>13</b>	<b>10</b>	-----	<b>8</b>
5210 lime	10	-----	-----	-----	10	-----	-----
5220 cement & concrete	302	-----	281	13	-----	-----	8
<b>Subtotal primary Iron and steel products</b>	<b>600</b>	-----	<b>256</b>	<b>2</b>	<b>338</b>	<b>4</b>	-----
5312 pig iron	81	-----	-----	2	78	-----	-----
5315 ferro alloys	7	-----	-----	-----	7	-----	-----
5320 i&s primary forms	19	-----	-----	-----	19	-----	-----
5330 i&s plates & sheets	124	-----	-----	-----	121	3	-----
5360 i&s bars & shapes	40	-----	-----	-----	40	-----	-----
5370 i&s pipe & tube	1	-----	-----	-----	1	-----	-----
5390 primary i&s nec	328	-----	256	-----	71	2	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>31</b>	-----	-----	-----	<b>30</b>	<b>1</b>	-----
5429 smelted prod. nec	5	-----	-----	-----	5	-----	-----
5480 fab. metal products	26	-----	-----	-----	25	1	-----
<b>Total food and farm products</b>	<b>229</b>	-----	-----	-----	<b>31</b>	<b>197</b>	-----
<b>Subtotal grain</b>	<b>109</b>	-----	-----	-----	<b>9</b>	<b>101</b>	-----
6241 wheat	24	-----	-----	-----	7	17	-----
6344 corn	73	-----	-----	-----	1	72	-----
6445 oats	12	-----	-----	-----	-----	12	-----
<b>Subtotal oilseeds</b>	<b>83</b>	-----	-----	-----	-----	<b>83</b>	-----
6522 soybeans	77	-----	-----	-----	-----	77	-----
6590 oilseeds nec	6	-----	-----	-----	-----	6	-----
<b>Subtotal processed grain and animal feed</b>	<b>14</b>	-----	-----	-----	-----	<b>14</b>	-----
6782 animal feed, prep.	14	-----	-----	-----	-----	14	-----

LAKE CALUMET, IL (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Inbound Upbound	Outbound Downbnd	Intra Upbound
Subtotal other agricultural products	22	-----	-----	-----	22	-----	-----
6861 sugar	22	-----	-----	-----	22	-----	-----
Ton-miles (x1000) Domestic	1,668	1	542	15	582	519	8
Tons All Traffic (x1000)	2,068						
Ton-miles All Traffic (x1000)	1,845						

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)

Section Included: Calumet Harbor and River to turning basin no. 5 (130th Street Bridge). Project Depth: 29 feet in approach channel, 28 feet in outer harbor anchorage area, 27 feet in river entrance channel to E. J. & E. R. R. Bridge, and 27 feet in river to and including Basin No. 5, (130th Street Bridge).

Comparative Statement of Traffic  
 (thousand tons)

Year	Total	Year	Total
1985	12,800	1990	11,689
1986	11,481	1991	10,589
1987	9,524	1992	11,765
1988	11,889	1993	13,706
1989	12,973	1994	18,554

Freight Traffic, 1994  
 (thousand tons)

Commodity	Total	Foreign			Canadian			
		Imports	Exports	Through Downbnd	Imports	Exports	Through Upbound	Through Downbnd
<b>Total, all commodities</b>	<b>3,924</b>	<b>1,756</b>	<b>25</b>	<b>80</b>	<b>1,806</b>	<b>159</b>	<b>52</b>	<b>45</b>
<b>Total coal</b>	<b>171</b>	-----	<b>20</b>	-----	<b>151</b>	-----	-----	-----
1100 coal lignite	141	-----	-----	-----	141	-----	-----	-----
1200 coal coke	29	-----	20	-----	9	-----	-----	-----
<b>Total petroleum and petroleum products</b>	<b>206</b>	-----	<b>0</b>	-----	<b>70</b>	<b>117</b>	<b>19</b>	-----
<b>Subtotal petroleum products</b>	<b>206</b>	-----	<b>0</b>	-----	<b>70</b>	<b>117</b>	<b>19</b>	-----
2330 distillate fuel oil	19	-----	-----	-----	-----	-----	19	-----
2340 residual fuel oil	17	-----	-----	-----	17	-----	-----	-----
2350 lube oil & greases	0	-----	0	-----	-----	-----	-----	-----
2430 asphalt, tar & pitch	23	-----	-----	-----	5	18	-----	-----
2540 petroleum coke	147	-----	-----	-----	47	99	-----	-----

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Foreign			Canadian			
		Imports	Exports	Through Downbnd	Imports	Exports	Through Upbound Downbnd	
<b>Total chemicals and related products</b>	<b>152</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>95</b>	<b>8</b>	<b>33</b>	<b>2</b>
<b>Subtotal fertilizers</b>	<b>59</b>	<b>0</b>	-----	-----	<b>59</b>	-----	-----	-----
3110 nitrogenous fert.	0	0	-----	-----	-----	-----	-----	-----
3130 potassic fert.	59	-----	-----	-----	59	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>93</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>36</b>	<b>8</b>	<b>33</b>	<b>2</b>
3212 benzene & toluene	33	-----	-----	-----	33	-----	-----	-----
3219 other hydrocarbons	8	-----	-----	6	1	-----	-----	-----
3220 alcohols	1	0	0	-----	1	-----	-----	-----
3240 nitrogen func. comp.	0	-----	0	-----	-----	-----	-----	-----
3260 organic comp. nec	0	-----	0	-----	-----	-----	-----	-----
3274 sodium hydroxide	43	-----	-----	-----	-----	8	33	2
3275 inorg. elem., oxides, & halogen salts	3	1	2	-----	-----	-----	-----	-----
3276 metallic salts	0	0	-----	-----	-----	-----	-----	-----
3281 radioactive material	0	0	-----	-----	-----	-----	-----	-----
3282 pigments & paints	2	0	0	2	-----	-----	-----	-----
3283 coloring mat. nec	0	0	-----	-----	-----	-----	-----	-----
3284 medicines	0	0	0	-----	-----	-----	-----	-----
3285 perfumes & cleansers	0	0	0	-----	-----	-----	-----	-----
3286 plastics	0	0	0	-----	-----	-----	-----	-----
3292 starches, gluten, glue	1	0	0	0	-----	-----	-----	-----
3299 chem. products nec	0	0	0	-----	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>1,508</b>	<b>5</b>	<b>0</b>	-----	<b>1,481</b>	<b>17</b>	-----	<b>5</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
4190 forest products nec	0	0	-----	-----	-----	-----	-----	-----
<b>Subtotal pulp and waste paper</b>	<b>0</b>	-----	<b>0</b>	-----	-----	-----	-----	-----
4225 pulp & waste paper	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
4310 building stone	0	0	-----	-----	-----	-----	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>989</b>	<b>1</b>	-----	-----	<b>966</b>	<b>17</b>	-----	<b>5</b>
4410 iron ore	964	-----	-----	-----	947	17	-----	-----
4420 iron & steel scrap	25	1	-----	-----	20	-----	-----	5
<b>Subtotal non-ferrous ores and scrap</b>	<b>30</b>	<b>1</b>	<b>0</b>	-----	<b>29</b>	-----	-----	-----
4650 aluminum ore	0	0	-----	-----	-----	-----	-----	-----
4680 non-ferrous scrap	30	1	-----	-----	29	-----	-----	-----
4690 non-ferrous ores nec	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>2</b>	<b>2</b>	-----	-----	-----	-----	-----	-----
4782 clay & refrac. mat.	2	2	-----	-----	-----	-----	-----	-----

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Foreign			Canadian			
		Imports	Exports	Through Downbnd	Imports	Exports	Through Upbound	Downbnd
<b>Subtotal other non-metal. min.</b>	<b>486</b>	-----	-----	-----	<b>486</b>	-----	-----	-----
4900 non-metal. min. nec	486	-----	-----	-----	486	-----	-----	-----
<b>Total primary manufactured goods</b>	<b>1,825</b>	<b>1,741</b>	<b>0</b>	<b>71</b>	<b>9</b>	-----	-----	<b>3</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
5120 paper & paperboard	0	0	0	-----	-----	-----	-----	-----
5190 paper products nec	0	0	0	-----	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>1</b>	<b>1</b>	<b>0</b>	-----	<b>0</b>	-----	-----	-----
5240 glass & glass prod.	0	0	0	-----	-----	-----	-----	-----
5290 misc. mineral prod.	1	1	0	-----	0	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>1,791</b>	<b>1,715</b>	<b>0</b>	<b>64</b>	<b>9</b>	-----	-----	<b>3</b>
5315 ferro alloys	5	5	-----	-----	-----	-----	-----	-----
5320 i&s primary forms	356	351	-----	-----	5	-----	-----	-----
5330 i&s plates & sheets	1,339	1,267	0	64	5	-----	-----	3
5360 i&s bars & shapes	71	71	0	-----	-----	-----	-----	-----
5370 i&s pipe & tube	15	15	-----	-----	-----	-----	-----	-----
5390 primary i&s nec	5	5	-----	-----	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>33</b>	<b>26</b>	<b>0</b>	<b>7</b>	-----	-----	-----	-----
5421 copper	2	2	-----	0	-----	-----	-----	-----
5422 aluminum	24	17	0	7	-----	-----	-----	-----
5429 smelted prod. nec	5	5	-----	-----	-----	-----	-----	-----
5480 fab. metal products	3	3	0	-----	-----	-----	-----	-----
<b>Subtotal primary wood products</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
5540 primary wood prod.	0	0	-----	-----	-----	-----	-----	-----
<b>Total food and farm products</b>	<b>53</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>17</b>	-----	<b>35</b>
<b>Subtotal grain</b>	<b>52</b>	-----	<b>0</b>	-----	-----	<b>17</b>	-----	<b>35</b>
6344 corn	17	-----	0	-----	-----	17	-----	-----
6445 oats	35	-----	-----	-----	-----	-----	-----	35
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
6653 vegetable oils	0	0	-----	-----	-----	-----	-----	-----
6654 vegetables & prod.	0	0	0	-----	-----	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
6747 grain mill products	0	0	-----	-----	-----	-----	-----	-----
6782 animal feed, prep.	0	0	0	-----	-----	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	-----	-----	-----
6817 meat, prepared	0	0	-----	-----	-----	-----	-----	-----
6885 alcoholic beverages	0	0	-----	0	-----	-----	-----	-----
6889 food products nec	1	0	1	-----	0	-----	-----	-----
6894 natural fibers nec	0	0	-----	-----	-----	-----	-----	-----
6899 farm products nec	0	0	-----	-----	-----	-----	-----	-----

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Foreign			Canadian			
		Imports	Exports	Through Downbnd	Imports	Exports	Through Upbound Downbnd	
<b>Total all manufactured equipment, machinery and products</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----
7110 machinery (not elec)	6	6	0	0	-----	0	-----	-----
7120 electrical machinery	1	1	0	0	0	-----	-----	-----
7210 vehicles & parts	1	1	0	-----	-----	-----	-----	-----
7220 aircraft & parts	0	0	-----	-----	-----	-----	-----	-----
7300 ordnance & access.	0	0	0	-----	-----	-----	-----	-----
7400 manufac. wood prod.	0	0	0	0	-----	-----	-----	-----
7500 textile products	0	0	0	-----	-----	-----	-----	-----
7600 rubber & plastic pr.	0	0	0	-----	-----	-----	-----	-----
7900 manufac. prod. nec	1	1	0	0	-----	-----	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
9900 unknown or nec	0	0	-----	-----	-----	-----	-----	-----
<b>Ton-miles (x1000) Foreign &amp; Canadian</b>	<b>4,811</b>	<b>1,756</b>	<b>25</b>	<b>482</b>	<b>1,806</b>	<b>159</b>	<b>313</b>	<b>269</b>

Commodity	Total	Domestic			
		Coastwise	Lakewise		
		Through Upbound	Receipts	Shipments	Through Upbound Downbnd
<b>Total, all commodities</b>	<b>4,067</b>	<b>1</b>	<b>2,412</b>	<b>1,095</b>	<b>17 542</b>
<b>Total coal</b>	<b>1,037</b>	-----	-----	<b>1,037</b>	-----
1100 coal lignite	843	-----	-----	843	-----
1200 coal coke	194	-----	-----	194	-----
<b>Total petroleum and petroleum products</b>	<b>93</b>	-----	<b>69</b>	<b>20</b>	<b>4</b>
<b>Subtotal petroleum products</b>	<b>93</b>	-----	<b>69</b>	<b>20</b>	<b>4</b>
2211 gasoline	3	-----	3	-----	-----
2330 distillate fuel oil	9	-----	9	-----	0
2340 residual fuel oil	4	-----	2	-----	2
2430 asphalt, tar & pitch	52	-----	52	-----	-----
2540 petroleum coke	24	-----	3	20	1
<b>Total chemicals and related products</b>	<b>5</b>	-----	-----	<b>5</b>	-----
<b>Subtotal other chemicals and related products</b>	<b>5</b>	-----	-----	<b>5</b>	-----
3212 benzene & toluene	5	-----	-----	5	-----

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Domestic				
		Coastwise	Lakewise			
		Through Upbound	Receipts	Shipments	Through Upbound	Downbnd
<b>Total crude materials, inedible except fuels</b>	<b>2,171</b>	<b>1</b>	<b>2,149</b>	<b>18</b>	<b>1</b>	<b>1</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,143</b>	-----	<b>1,141</b>	-----	<b>1</b>	-----
4310 building stone	1	-----	-----	-----	1	-----
4322 limestone	1,117	-----	1,117	-----	-----	-----
4331 sand & gravel	17	-----	17	-----	-----	-----
4335 waterway improv. mat	7	-----	7	-----	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>1,009</b>	<b>1</b>	<b>1,007</b>	-----	-----	-----
4410 iron ore	1,007	-----	1,007	-----	-----	-----
4420 iron & steel scrap	1	1	-----	-----	-----	-----
<b>Subtotal slag</b>	<b>19</b>	-----	-----	<b>18</b>	-----	<b>1</b>
4860 slag	19	-----	-----	18	-----	1
<b>Total primary manufactured goods</b>	<b>761</b>	-----	<b>194</b>	<b>15</b>	<b>15</b>	<b>537</b>
<b>Subtotal lime, cement and glass</b>	<b>471</b>	-----	<b>177</b>	-----	<b>13</b>	<b>281</b>
5220 cement & concrete	471	-----	177	-----	13	281
<b>Subtotal primary iron and steel products</b>	<b>290</b>	-----	<b>17</b>	<b>15</b>	<b>2</b>	<b>256</b>
5312 pig iron	2	-----	-----	-----	2	-----
5320 i&s primary forms	15	-----	-----	15	-----	-----
5390 primary i&s nec	273	-----	17	-----	-----	256
<b>Ton-miles (x1000)</b>	<b>16,997</b>		<b>8,188</b>		<b>87</b>	
<b>Domestic</b>		<b>9</b>		<b>5,459</b>		<b>3,253</b>

Commodity	Total	Internal					
		Inbound	Outbound	Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>10,563</b>	<b>3,353</b>	<b>3,610</b>	<b>2,111</b>	<b>1,485</b>	<b>2</b>	<b>1</b>
<b>Total coal</b>	<b>4,448</b>	<b>1,322</b>	<b>2,522</b>	<b>577</b>	<b>27</b>	-----	-----
1100 coal lignite	3,348	1,008	2,335	-----	5	-----	-----
1200 coal coke	1,101	314	187	577	22	-----	-----
<b>Total petroleum and petroleum products</b>	<b>1,175</b>	<b>42</b>	<b>327</b>	<b>162</b>	<b>642</b>	<b>2</b>	-----
<b>Subtotal petroleum products</b>	<b>1,175</b>	<b>42</b>	<b>327</b>	<b>162</b>	<b>642</b>	<b>2</b>	-----
2211 gasoline	43	-----	-----	-----	43	-----	-----
2330 distillate fuel oil	192	5	-----	118	68	2	-----
2340 residual fuel oil	72	10	3	28	32	-----	-----
2350 lube oil & greases	361	-----	275	-----	87	-----	-----
2429 naphtha & solvents	61	-----	-----	13	48	-----	-----
2430 asphalt, tar & pitch	205	-----	23	3	180	-----	-----
2540 petroleum coke	240	27	27	-----	185	-----	-----

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Internal					
		Inbound	Outbound	Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total chemicals and related products</b>	<b>220</b>	<b>44</b>	<b>14</b>	<b>141</b>	<b>22</b>	-----	-----
<b>Subtotal fertilizers</b>	<b>132</b>	<b>39</b>	<b>1</b>	<b>76</b>	<b>15</b>	-----	-----
3110 nitrogenous fert.	122	30	-----	76	15	-----	-----
3120 phosphatic fert.	6	4	1	-----	-----	-----	-----
3190 fert. & mixes nec	5	5	-----	-----	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>89</b>	<b>5</b>	<b>13</b>	<b>64</b>	<b>7</b>	-----	-----
3212 benzene & toluene	3	-----	3	-----	-----	-----	-----
3219 other hydrocarbons	36	-----	6	30	-----	-----	-----
3220 alcohols	1	-----	1	-----	-----	-----	-----
3274 sodium hydroxide	1	1	-----	-----	-----	-----	-----
3276 metallic salts	7	-----	-----	-----	7	-----	-----
3279 inorganic chem. nec	6	2	3	1	-----	-----	-----
3286 plastics	1	1	-----	-----	-----	-----	-----
3297 chemical additives	32	-----	-----	32	-----	-----	-----
3298 wood & resin chem.	1	-----	-----	1	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>1,181</b>	<b>629</b>	<b>109</b>	<b>233</b>	<b>209</b>	-----	-----
<b>Subtotal forest products, wood and chips</b>	<b>2</b>	<b>2</b>	-----	-----	-----	-----	-----
4161 wood chips	2	2	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>371</b>	<b>303</b>	<b>4</b>	<b>22</b>	<b>41</b>	-----	-----
4310 building stone	8	3	-----	5	-----	-----	-----
4322 limestone	7	1	-----	6	-----	-----	-----
4323 gypsum	43	-----	1	-----	41	-----	-----
4327 phosphate rock	2	2	-----	-----	-----	-----	-----
4331 sand & gravel	311	297	1	12	-----	-----	-----
4338 soil & fill dirt	2	-----	2	-----	-----	-----	-----
<b>Subtotal Iron ore and scrap</b>	<b>267</b>	<b>6</b>	<b>100</b>	<b>72</b>	<b>89</b>	-----	-----
4410 iron ore	116	4	53	58	-----	-----	-----
4420 iron & steel scrap	151	2	47	14	89	-----	-----
<b>Subtotal marine shells</b>	<b>4</b>	-----	-----	<b>4</b>	-----	-----	-----
4515 marine shells	4	-----	-----	4	-----	-----	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>140</b>	<b>83</b>	<b>3</b>	<b>54</b>	-----	-----	-----
4650 aluminum ore	88	37	3	48	-----	-----	-----
4670 manganese ore	43	37	-----	6	-----	-----	-----
4690 non-ferrous ores nec	9	9	-----	-----	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>13</b>	<b>4</b>	-----	<b>9</b>	-----	-----	-----
4782 clay & refrac. mat.	13	4	-----	9	-----	-----	-----
<b>Subtotal slag</b>	<b>134</b>	-----	<b>1</b>	<b>54</b>	<b>79</b>	-----	-----
4860 slag	134	-----	1	54	79	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>249</b>	<b>231</b>	-----	<b>18</b>	-----	-----	-----
4900 non-metal. min. nec	249	231	-----	18	-----	-----	-----

CALUMET HARBOR AND RIVER, IL AND IN (INCLUDED IN PORT OF CHICAGO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal					
		Inbound	Outbound	Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total primary manufactured goods</b>	<b>2,706</b>	<b>1,252</b>	<b>92</b>	<b>995</b>	<b>366</b>	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>93</b>	<b>66</b>	<b>27</b>	-----	-----	-----	-----
5210 lime	9	-----	9	-----	-----	-----	-----
5220 cement & concrete	84	66	18	-----	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>2,236</b>	<b>1,072</b>	<b>35</b>	<b>970</b>	<b>158</b>	-----	-----
5312 pig iron	272	134	1	137	-----	-----	-----
5315 ferro alloys	183	161	3	19	-----	-----	-----
5320 i&s primary forms	1,239	568	-----	671	-----	-----	-----
5330 i&s plates & sheets	200	61	-----	37	101	-----	-----
5360 i&s bars & shapes	75	73	-----	2	1	-----	-----
5370 i&s pipe & tube	0	0	-----	-----	-----	-----	-----
5390 primary i&s nec	266	76	31	103	57	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>377</b>	<b>114</b>	<b>30</b>	<b>25</b>	<b>208</b>	-----	-----
5422 aluminum	25	10	-----	14	-----	-----	-----
5429 smelted prod. nec	9	6	3	-----	-----	-----	-----
5480 fab. metal products	343	98	26	11	208	-----	-----
<b>Total food and farm products</b>	<b>824</b>	<b>62</b>	<b>543</b>	<b>1</b>	<b>216</b>	-----	<b>1</b>
<b>Subtotal grain</b>	<b>549</b>	<b>29</b>	<b>383</b>	<b>1</b>	<b>134</b>	-----	<b>1</b>
6241 wheat	100	29	59	-----	11	-----	-----
6344 corn	403	-----	279	1	123	-----	-----
6445 oats	46	-----	45	-----	-----	-----	1
<b>Subtotal oilseeds</b>	<b>228</b>	<b>23</b>	<b>133</b>	-----	<b>72</b>	-----	-----
6522 soybeans	226	23	133	-----	70	-----	-----
6590 oilseeds nec	1	-----	-----	-----	1	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>44</b>	<b>6</b>	<b>28</b>	-----	<b>10</b>	-----	-----
6747 grain mill products	3	-----	3	-----	-----	-----	-----
6782 animal feed, prep.	41	6	25	-----	10	-----	-----
<b>Subtotal other agricultural products</b>	<b>4</b>	<b>4</b>	-----	-----	-----	-----	-----
6865 molasses	4	4	-----	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>8</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	-----	-----
7110 machinery (not elec)	4	2	1	1	1	-----	-----
7600 rubber & plastic pr.	4	-----	2	-----	2	-----	-----
<b>Ton-miles (x1000)</b>	<b>33,107</b>						
Internal		<b>6,436</b>	<b>5,088</b>	<b>12,668</b>	<b>8,911</b>	<b>2</b>	<b>3</b>
<b>Tons All Traffic (x1000)</b>	<b>18,554</b>						
<b>Ton-miles All Traffic (x1000)</b>	<b>54,915</b>						



## PORT OF CHICAGO, IL

Section Included: Chicago Harbor, Chicago River, Main and North Branch, Chicago River, South Branch, Chicago Sanitary and Ship Canal, Calumet-Sag Channel and Lake Calumet, IL, Calumet Harbor and River, IL and IN. Project Depth: See Chicago Harbor, Chicago River, Main and North Branch, Chicago River, South Branch, Chicago Sanitary and Ship Canal, Calumet-Sag Channel and Lake Calumet, IL, Calumet Harbor and River, IL and IN.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	22,610	1990	22,541
1986	24,330	1991	21,767
1987	20,705	1992	22,154
1988	22,894	1993	25,048
1989	23,446	1994	29,422

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign		Canadian	
		Imports	Exports	Imports	Exports
<b>Total, all commodities</b>	<b>3,924</b>	<b>1,837</b>	<b>25</b>	<b>1,851</b>	<b>211</b>
<b>Total coal</b>	<b>171</b>	-----	<b>20</b>	<b>151</b>	-----
1100 coal lignite	141	-----	-----	141	-----
1200 coal coke	29	-----	20	9	-----
<b>Total petroleum and petroleum products</b>	<b>206</b>	-----	<b>0</b>	<b>70</b>	<b>136</b>
<b>Subtotal petroleum products</b>	<b>206</b>	-----	<b>0</b>	<b>70</b>	<b>136</b>
2330 distillate fuel oil	19	-----	-----	-----	19
2340 residual fuel oil	17	-----	-----	17	-----
2350 lube oil & greases	0	-----	0	-----	-----
2430 asphalt, tar & pitch	23	-----	-----	5	18
2540 petroleum coke	147	-----	-----	47	99
<b>Total chemicals and related products</b>	<b>152</b>	<b>11</b>	<b>3</b>	<b>97</b>	<b>41</b>
<b>Subtotal fertilizers</b>	<b>59</b>	<b>0</b>	-----	<b>59</b>	-----
3110 nitrogenous fert.	0	0	-----	-----	-----
3130 potassic fert.	59	-----	-----	59	-----
<b>Subtotal other chemicals and related products</b>	<b>93</b>	<b>11</b>	<b>3</b>	<b>38</b>	<b>41</b>
3212 benzene & toluene	33	-----	-----	33	-----
3219 other hydrocarbons	8	6	-----	1	-----
3220 alcohols	1	0	0	1	-----
3240 nitrogen func. comp.	0	-----	0	-----	-----
3260 organic comp. nec	0	-----	0	-----	-----
3274 sodium hydroxide	43	-----	-----	2	41
3275 inorg. elem., oxides, & halogen salts	3	1	2	-----	-----
3276 metallic salts	0	0	-----	-----	-----
3281 radioactive material	0	0	-----	-----	-----
3282 pigments & paints	2	2	0	-----	-----
3283 coloring mat. nec	0	0	-----	-----	-----
3284 medicines	0	0	0	-----	-----
3285 perfumes & cleansers	0	0	0	-----	-----
3286 plastics	0	0	0	-----	-----
3292 starches, gluten, glue	1	1	0	-----	-----
3299 chem. products nec	0	0	0	-----	-----

PORT OF CHICAGO, IL  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign		Canadian	
		Imports	Exports	Imports	Exports
<b>Total crude materials, inedible except fuels</b>	<b>1,508</b>	<b>5</b>	<b>0</b>	<b>1,486</b>	<b>17</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>			
4190 forest products nec	0	0			
<b>Subtotal pulp and waste paper</b>	<b>0</b>		<b>0</b>		
4225 pulp & waste paper	0		0		
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>0</b>	<b>0</b>			
4310 building stone	0	0			
<b>Subtotal iron ore and scrap</b>	<b>989</b>	<b>1</b>		<b>971</b>	<b>17</b>
4410 iron ore	964			947	17
4420 iron & steel scrap	25	1		25	
<b>Subtotal non-ferrous ores and scrap</b>	<b>30</b>	<b>1</b>	<b>0</b>	<b>29</b>	
4650 aluminum ore	0	0			
4680 non-ferrous scrap	30	1		29	
4690 non-ferrous ores nec	0		0		
<b>Subtotal sulphur, clay and salt</b>	<b>2</b>	<b>2</b>			
4782 clay & refrac. mat.	2	2			
<b>Subtotal other non-metal. min.</b>	<b>486</b>			<b>486</b>	
4900 non-metal. min. nec	486			486	
<b>Total primary manufactured goods</b>	<b>1,825</b>	<b>1,813</b>	<b>0</b>	<b>12</b>	
<b>Subtotal paper products</b>	<b>0</b>	<b>0</b>	<b>0</b>		
5120 paper & paperboard	0	0	0		
5190 paper products nec	0	0	0		
<b>Subtotal lime, cement and glass</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	
5240 glass & glass prod.	0	0	0		
5290 misc. mineral prod.	1	1	0	0	
<b>Subtotal primary iron and steel products</b>	<b>1,791</b>	<b>1,779</b>	<b>0</b>	<b>12</b>	
5315 ferro alloys	5	5			
5320 i&s primary forms	356	351		5	
5330 i&s plates & sheets	1,339	1,331	0	7	
5360 i&s bars & shapes	71	71	0		
5370 i&s pipe & tube	15	15			
5390 primary i&s nec	5	5			
<b>Subtotal primary non-ferrous metal products</b>	<b>33</b>	<b>33</b>	<b>0</b>		
5421 copper	2	2			
5422 aluminum	24	24	0		
5429 smelted prod. nec	5	5			
5480 fab. metal products	3	3	0		
<b>Subtotal primary wood products</b>	<b>0</b>	<b>0</b>			
5540 primary wood prod.	0	0			
<b>Total food and farm products</b>	<b>53</b>	<b>0</b>	<b>1</b>	<b>35</b>	<b>17</b>
<b>Subtotal grain</b>	<b>52</b>		<b>0</b>	<b>35</b>	<b>17</b>
6344 corn	17		0		17
6445 oats	35			35	
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>0</b>		
6653 vegetable oils	0	0			
6654 vegetables & prod.	0	0	0		

PORT OF CHICAGO, IL  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign		Canadian	
		Imports	Exports	Imports	Exports
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----
6747 grain mill products	0	0	-----	-----	-----
6782 animal feed, prep.	0	0	0	-----	-----
<b>Subtotal other agricultural products</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	-----
6817 meat, prepared	0	0	-----	-----	-----
6885 alcoholic beverages	0	0	-----	-----	-----
6889 food products nec	1	0	1	0	-----
6894 natural fibers nec	0	0	-----	-----	-----
6899 farm products nec	0	0	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>0</b>
7110 machinery (not elec)	6	6	0	-----	0
7120 electrical machinery	1	1	0	0	-----
7210 vehicles & parts	1	1	0	-----	-----
7220 aircraft & parts	0	0	-----	-----	-----
7300 ordnance & access.	0	0	0	-----	-----
7400 manufac. wood prod.	0	0	0	-----	-----
7500 textile products	0	0	0	-----	-----
7600 rubber & plastic pr.	0	0	0	-----	-----
7900 manufac. prod. nec	1	1	0	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	-----	-----	-----
9900 unknown or nec	0	0	-----	-----	-----

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>25,497</b>	<b>1</b>	<b>2,954</b>	<b>1,118</b>	<b>11,831</b>	<b>5,076</b>	<b>4,516</b>
<b>Total coal</b>	<b>6,389</b>	-----	-----	<b>1,037</b>	<b>2,260</b>	<b>671</b>	<b>2,420</b>
1100 coal lignite	5,191	-----	-----	843	2,013	11	2,325
1200 coal coke	1,198	-----	-----	194	247	660	96
<b>Total petroleum and petroleum products</b>	<b>4,198</b>	-----	<b>73</b>	<b>20</b>	<b>1,937</b>	<b>1,360</b>	<b>808</b>
<b>Subtotal crude petroleum</b>	<b>17</b>	-----	-----	-----	-----	<b>17</b>	-----
2100 crude petroleum	17	-----	-----	-----	-----	17	-----
<b>Subtotal petroleum products</b>	<b>4,182</b>	-----	<b>73</b>	<b>20</b>	<b>1,937</b>	<b>1,344</b>	<b>808</b>
2211 gasoline	206	-----	3	-----	89	100	15
2330 distillate fuel oil	715	-----	9	-----	325	218	162
2340 residual fuel oil	658	-----	4	-----	266	333	54
2350 lube oil & greases	568	-----	-----	-----	278	14	276
2429 naphtha & solvents	209	-----	-----	-----	135	31	43
2430 asphalt, tar & pitch	1,230	-----	52	-----	524	555	99
2540 petroleum coke	584	-----	4	20	315	86	158

PORT OF CHICAGO, IL  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Receipts	Shipments	Intraport
2640 liquid natural gas	1	-----	-----	-----	-----	1	-----
2990 petro. products nec	12	-----	-----	-----	5	5	1
<b>Total chemicals and related products</b>	<b>1,830</b>	-----	-----	<b>5</b>	<b>1,432</b>	<b>306</b>	<b>87</b>
<b>Subtotal fertilizers</b>	<b>74</b>	-----	-----	-----	<b>60</b>	<b>14</b>	-----
3110 nitrogenous fert.	58	-----	-----	-----	45	12	-----
3120 phosphatic fert.	7	-----	-----	-----	5	1	-----
3130 potassic fert.	3	-----	-----	-----	3	-----	-----
3190 fert. & mixes nec	6	-----	-----	-----	6	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>1,756</b>	-----	-----	<b>5</b>	<b>1,372</b>	<b>292</b>	<b>87</b>
3212 benzene & toluene	226	-----	-----	5	5	189	27
3219 other hydrocarbons	89	-----	-----	-----	50	25	14
3220 alcohols	496	-----	-----	-----	429	30	38
3230 carboxylic acids	3	-----	-----	-----	-----	3	-----
3240 nitrogen func. comp.	1	-----	-----	-----	1	-----	-----
3260 organic comp. nec	56	-----	-----	-----	49	2	5
3274 sodium hydroxide	577	-----	-----	-----	571	3	3
3275 inorg. elem., oxides, & halogen salts	56	-----	-----	-----	56	-----	-----
3276 metallic salts	156	-----	-----	-----	138	19	-----
3279 inorganic chem. nec	7	-----	-----	-----	4	3	-----
3286 plastics	1	-----	-----	-----	1	-----	-----
3297 chemical additives	52	-----	-----	-----	33	19	-----
3299 chem. products nec	36	-----	-----	-----	36	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>7,832</b>	<b>1</b>	<b>2,150</b>	<b>19</b>	<b>3,141</b>	<b>1,385</b>	<b>1,135</b>
<b>Subtotal forest products, wood and chips</b>	<b>73</b>	-----	-----	-----	<b>73</b>	-----	-----
4161 wood chips	72	-----	-----	-----	72	-----	-----
4189 lumber	2	-----	-----	-----	2	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>4,605</b>	-----	<b>1,141</b>	<b>1</b>	<b>1,764</b>	<b>565</b>	<b>1,133</b>
4310 building stone	11	-----	-----	1	10	-----	-----
4322 limestone	1,134	-----	1,117	-----	13	-----	4
4323 gypsum	3	-----	-----	-----	-----	3	-----
4327 phosphate rock	2	-----	-----	-----	2	-----	-----
4331 sand & gravel	3,445	-----	17	-----	1,740	558	1,130
4335 waterway improv. mat	7	-----	7	-----	-----	-----	-----
4338 soil & fill dirt	4	-----	-----	-----	-----	4	-----
<b>Subtotal Iron ore and scrap</b>	<b>1,901</b>	<b>1</b>	<b>1,007</b>	-----	<b>86</b>	<b>805</b>	<b>1</b>
4410 iron ore	1,093	-----	1,007	-----	33	53	-----
4420 iron & steel scrap	807	1	-----	-----	53	752	1
<b>Subtotal non-ferrous ores and scrap</b>	<b>110</b>	-----	-----	-----	<b>102</b>	<b>8</b>	-----
4650 aluminum ore	50	-----	-----	-----	47	3	-----
4670 manganese ore	50	-----	-----	-----	45	5	-----
4690 non-ferrous ores nec	11	-----	-----	-----	11	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>4</b>	-----	-----	-----	<b>4</b>	-----	-----
4782 clay & refrac. mat.	4	-----	-----	-----	4	-----	-----

PORT OF CHICAGO, IL  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Domestic				
		Coastwise	Lakewise		Internal	
		Receipts	Receipts	Shipments	Receipts	Shipments Intraport
<b>Subtotal slag</b>	<b>28</b>	-----	<b>1</b>	<b>18</b>	<b>2</b>	<b>7</b> -----
4860 slag	28	-----	1	18	2	7 -----
<b>Subtotal other non-metal. min.</b>	<b>1,110</b>	-----	-----	-----	<b>1,110</b>	-----
4900 non-metal. min. nec	1,110	-----	-----	-----	1,110	-----
<b>Total primary manufactured goods</b>	<b>3,767</b>	-----	<b>731</b>	<b>36</b>	<b>2,887</b>	<b>104</b> <b>8</b>
<b>Subtotal paper products</b>	<b>9</b>	-----	-----	-----	<b>9</b>	-----
5110 newsprint	3	-----	-----	-----	3	-----
5190 paper products nec	6	-----	-----	-----	6	-----
<b>Subtotal lime, cement and glass</b>	<b>1,308</b>	-----	<b>458</b>	<b>13</b>	<b>800</b>	<b>28</b> <b>8</b>
5210 lime	19	-----	-----	-----	10	9 -----
5220 cement & concrete	1,283	-----	458	13	785	19 -----
5290 misc. mineral prod.	5	-----	-----	-----	5	-----
<b>Subtotal primary Iron and steel products</b>	<b>2,211</b>	-----	<b>273</b>	<b>23</b>	<b>1,870</b>	<b>44</b> -----
5312 pig iron	333	-----	-----	9	322	1 -----
5315 ferro alloys	175	-----	-----	-----	172	3 -----
5320 i&s primary forms	732	-----	-----	15	715	2 -----
5330 i&s plates & sheets	336	-----	-----	-----	333	3 -----
5360 i&s bars & shapes	131	-----	-----	-----	131	-----
5370 i&s pipe & tube	4	-----	-----	-----	4	-----
5390 primary i&s nec	501	-----	273	-----	192	36 -----
<b>Subtotal primary non-ferrous metal products</b>	<b>227</b>	-----	-----	-----	<b>195</b>	<b>32</b> -----
5422 aluminum	10	-----	-----	-----	10	-----
5429 smelted prod. nec	19	-----	-----	-----	14	5 -----
5480 fab. metal products	198	-----	-----	-----	171	27 -----
<b>Subtotal primary wood products</b>	<b>13</b>	-----	-----	-----	<b>13</b>	-----
5540 primary wood prod.	13	-----	-----	-----	13	-----
<b>Total food and farm products</b>	<b>1,404</b>	-----	-----	-----	<b>150</b>	<b>1,248</b> <b>6</b>
<b>Subtotal grain</b>	<b>870</b>	-----	-----	-----	<b>38</b>	<b>825</b> <b>6</b>
6241 wheat	143	-----	-----	-----	35	104 -----
6344 corn	659	-----	-----	-----	3	654 -----
6445 oats	68	-----	-----	-----	-----	67 -----
<b>Subtotal oilseeds</b>	<b>384</b>	-----	-----	-----	<b>23</b>	<b>361</b> -----
6522 soybeans	378	-----	-----	-----	23	356 -----
6590 oilseeds nec	6	-----	-----	-----	-----	6 -----
<b>Subtotal vegetable products</b>	<b>1</b>	-----	-----	-----	-----	<b>1</b> -----
6653 vegetable oils	1	-----	-----	-----	-----	1 -----
<b>Subtotal processed grain and animal feed</b>	<b>63</b>	-----	-----	-----	<b>6</b>	<b>57</b> -----
6747 grain mill products	3	-----	-----	-----	-----	3 -----
6782 animal feed, prep.	60	-----	-----	-----	6	53 -----
<b>Subtotal other agricultural products</b>	<b>86</b>	-----	-----	-----	<b>83</b>	<b>3</b> -----
6861 sugar	52	-----	-----	-----	52	-----
6865 molasses	33	-----	-----	-----	31	3 -----

PORT OF CHICAGO, IL  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Receipts	Shipments	Inraport
<b>Total all manufactured equipment, machinery and products</b>	<b>26</b>	-----	-----	-----	<b>24</b>	<b>2</b>	-----
7110 machinery (not elec)	23	-----	-----	-----	22	1	-----
7500 textile products	2	-----	-----	-----	2	-----	-----
7600 rubber & plastic pr.	2	-----	-----	-----	-----	2	-----
<b>Total waste and scrap nec</b>	<b>52</b>	-----	-----	-----	-----	-----	<b>52</b>
8900 waste and scrap nec	52	-----	-----	-----	-----	-----	52

INDIANA HARBOR, IN

Section Included: Approach channel, outer harbor and canal entrance channel to the first E. J. & E. R. R. Bridge: Indiana Harbor Canal, including the Calumet River Branch to Columbus Drive Bridge and the Lake George Branch to 0.2 miles past Indianapolis Blvd. Project Depth: 29 feet in approach channel, 28 feet in harbor basin, 27 feet in canal entrance channel, and 22 feet in remainder of canal to 0.2 miles past Indianapolis Blvd. on Lake George Branch and Columbus Drive on Calumet River Branch.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	13,549	1990	14,673
1986	14,014	1991	13,767
1987	13,335	1992	15,326
1988	16,643	1993	15,546
1989	15,055	<b>1994</b>	<b>16,145</b>

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign	Canadian	
		Imports	Imports	Exports
<b>Total, all commodities</b>	<b>406</b>	<b>29</b>	<b>371</b>	<b>6</b>
<b>Total crude materials, inedible except fuels</b>	<b>400</b>	<b>29</b>	<b>371</b>	-----
<b>Subtotal iron ore and scrap</b>	<b>400</b>	<b>29</b>	<b>371</b>	-----
4410 iron ore	400	29	371	-----
<b>Total food and farm products</b>	<b>6</b>	-----	-----	<b>6</b>
<b>Subtotal grain</b>	<b>6</b>	-----	-----	<b>6</b>
6344 corn	6	-----	-----	6

INDIANA HARBOR, IN  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>15,739</b>	<b>1</b>	<b>12,011</b>	<b>1,699</b>	<b>743</b>	<b>1,184</b>	<b>100</b>
<b>Total coal</b>	<b>332</b>	-----	<b>12</b>	-----	<b>315</b>	<b>5</b>	-----
1100 coal lignite	3	-----	-----	-----	-----	3	-----
1200 coal coke	329	-----	12	-----	315	1	-----
<b>Total petroleum and petroleum products</b>	<b>2,722</b>	-----	-----	<b>1,358</b>	<b>230</b>	<b>1,035</b>	<b>100</b>
<b>Subtotal petroleum products</b>	<b>2,722</b>	-----	-----	<b>1,358</b>	<b>230</b>	<b>1,035</b>	<b>100</b>
2211 gasoline	294	-----	-----	236	1	57	-----
2330 distillate fuel oil	659	-----	-----	284	134	174	68
2340 residual fuel oil	166	-----	-----	8	72	53	32
2350 lube oil & greases	92	-----	-----	1	-----	90	-----
2429 naphtha & solvents	70	-----	-----	-----	18	52	-----
2430 asphalt, tar & pitch	1,168	-----	-----	826	2	341	-----
2540 petroleum coke	273	-----	-----	3	3	267	-----
<b>Total chemicals and related products</b>	<b>60</b>	-----	<b>5</b>	-----	<b>51</b>	<b>4</b>	-----
<b>Subtotal fertilizers</b>	<b>4</b>	-----	-----	-----	-----	<b>4</b>	-----
3110 nitrogenous fert.	4	-----	-----	-----	-----	4	-----
<b>Subtotal other chemicals and related products</b>	<b>56</b>	-----	<b>5</b>	-----	<b>51</b>	-----	-----
3212 benzene & toluene	5	-----	5	-----	-----	-----	-----
3297 chemical additives	51	-----	-----	-----	51	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>12,526</b>	<b>1</b>	<b>11,994</b>	<b>341</b>	<b>67</b>	<b>122</b>	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,304</b>	-----	<b>1,270</b>	<b>33</b>	-----	<b>2</b>	-----
4322 limestone	1,280	-----	1,247	33	-----	-----	-----
4323 gypsum	2	-----	-----	-----	-----	2	-----
4331 sand & gravel	23	-----	23	-----	-----	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>10,795</b>	<b>1</b>	<b>10,658</b>	-----	<b>60</b>	<b>76</b>	-----
4410 iron ore	10,708	-----	10,658	-----	50	-----	-----
4420 iron & steel scrap	87	1	-----	-----	10	76	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>6</b>	-----	-----	-----	<b>6</b>	-----	-----
4650 aluminum ore	6	-----	-----	-----	6	-----	-----
<b>Subtotal slag</b>	<b>419</b>	-----	<b>66</b>	<b>309</b>	-----	<b>44</b>	-----
4860 slag	419	-----	66	309	-----	44	-----
<b>Subtotal other non-metal. min.</b>	<b>1</b>	-----	-----	-----	<b>1</b>	-----	-----
4900 non-metal. min. nec	1	-----	-----	-----	1	-----	-----
<b>Total primary manufactured goods</b>	<b>97</b>	-----	-----	-----	<b>79</b>	<b>18</b>	-----
<b>Subtotal primary iron and steel products</b>	<b>96</b>	-----	-----	-----	<b>79</b>	<b>17</b>	-----
5312 pig iron	70	-----	-----	-----	70	-----	-----
5315 ferro alloys	6	-----	-----	-----	6	-----	-----
5330 i&s plates & sheets	16	-----	-----	-----	-----	16	-----

INDIANA HARBOR, IN  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Domestic					
		Coastwise	Lakewise		Internal		
		Receipts	Receipts	Shipments	Receipts	Shipments	Intraport
5360 i&s bars & shapes	1	-----	-----	-----	-----	1	-----
5390 primary i&s nec	3	-----	-----	-----	3	1	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>1</b>	-----	-----	-----	-----	<b>1</b>	-----
5480 fab. metal products	1	-----	-----	-----	-----	1	-----
<b>Total food and farm products</b>	<b>1</b>	-----	-----	-----	<b>1</b>	-----	-----
<b>Subtotal grain</b>	<b>1</b>	-----	-----	-----	<b>1</b>	-----	-----
6344 corn	1	-----	-----	-----	1	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	-----	-----	-----	<b>1</b>	-----	-----
7110 machinery (not elec)	1	-----	-----	-----	1	-----	-----

BURNS WATERWAY HARBOR, IN

Section Included: Approach channel, outer harbor, and two harbor arms. Project Depth: 30 feet in approach channel, 28 feet in outer harbor, and 27 feet in the east and west harbor arms.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	8,179	1990	9,524
1986	6,750	1991	8,304
1987	7,093	1992	8,756
1988	7,468	1993	9,315
1989	8,695	<b>1994</b>	<b>9,344</b>

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic				
		Imports	Imports	Exports	Total	Lakewise	Internal		
					Receipts	Shipments	Receipts	Shipments	
<b>Total, all commodities</b>	<b>9,344</b>	<b>885</b>	<b>1,027</b>	<b>73</b>	<b>7,359</b>	<b>5,415</b>	<b>126</b>	<b>1,248</b>	<b>570</b>
<b>Total coal</b>	<b>330</b>	-----	<b>146</b>	<b>18</b>	<b>167</b>	<b>12</b>	<b>13</b>	<b>134</b>	<b>7</b>
1100 coal lignite	159	-----	146	-----	13	-----	13	-----	-----
1200 coal coke	171	-----	-----	18	153	12	-----	134	7



**BURNS WATERWAY HARBOR, IN**  
**Freight Traffic, 1994 - continued**  
**(thousand tons)**

Commodity	Grand Total	Foreign	Canadian		Domestic				
		Imports	Imports	Exports	Total	Lakewise		Internal	
						Receipts	Shipments	Receipts	Shipments
<b>Total petroleum and petroleum products</b>	<b>94</b>	-----	-----	<b>55</b>	<b>38</b>	<b>21</b>	<b>11</b>	<b>6</b>	-----
<b>Subtotal petroleum products</b>	<b>94</b>	-----	-----	<b>55</b>	<b>38</b>	<b>21</b>	<b>11</b>	<b>6</b>	-----
2330 distillate fuel oil	20	-----	-----	-----	20	20	-----	-----	-----
2340 residual fuel oil	0	-----	-----	-----	0	0	-----	-----	-----
2350 lube oil & greases	1	-----	-----	-----	1	1	-----	-----	-----
2430 asphalt, tar & pitch	2	-----	-----	-----	2	-----	-----	2	-----
2540 petroleum coke	71	-----	-----	55	15	-----	11	5	-----
<b>Total chemicals and related products</b>	<b>141</b>	<b>8</b>	<b>22</b>	-----	<b>111</b>	-----	-----	<b>111</b>	-----
<b>Subtotal fertilizers</b>	<b>101</b>	-----	<b>22</b>	-----	<b>79</b>	-----	-----	<b>79</b>	-----
3110 nitrogenous fert.	79	-----	-----	-----	79	-----	-----	79	-----
3120 phosphatic fert.	22	-----	22	-----	-----	-----	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>40</b>	<b>8</b>	-----	-----	<b>33</b>	-----	-----	<b>33</b>	-----
3219 other hydrocarbons	30	-----	-----	-----	30	-----	-----	30	-----
3275 inorg. elem.,oxides, & halogen salts	8	8	-----	-----	-----	-----	-----	-----	-----
3279 inorganic chem. nec	1	-----	-----	-----	1	-----	-----	1	-----
3298 wood & resin chem.	1	-----	-----	-----	1	-----	-----	1	-----
<b>Total crude materials, inedible except fuels</b>	<b>6,321</b>	-----	<b>852</b>	-----	<b>5,470</b>	<b>5,253</b>	<b>45</b>	<b>108</b>	<b>64</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>586</b>	-----	-----	-----	<b>586</b>	<b>510</b>	<b>15</b>	<b>19</b>	<b>41</b>
4310 building stone	6	-----	-----	-----	6	1	-----	5	-----
4322 limestone	530	-----	-----	-----	530	508	15	6	-----
4323 gypsum	41	-----	-----	-----	41	-----	-----	-----	41
4331 sand & gravel	9	-----	-----	-----	9	-----	-----	9	-----
<b>Subtotal iron ore and scrap</b>	<b>5,571</b>	-----	<b>796</b>	-----	<b>4,775</b>	<b>4,743</b>	-----	<b>19</b>	<b>13</b>
4410 iron ore	5,553	-----	796	-----	4,757	4,741	-----	16	-----
4420 iron & steel scrap	18	-----	-----	-----	18	2	-----	3	13

BURNS WATERWAY HARBOR, IN  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic				
		Imports	Imports	Exports	Total	Lakewise	Internal	Receipts	Shipments
						Receipts			
<b>Subtotal marine shells</b>	<b>4</b>	-----	-----	-----	<b>4</b>	-----	-----	<b>4</b>	-----
4515 marine shells	4	-----	-----	-----	4	-----	-----	4	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>18</b>	-----	-----	-----	<b>18</b>	-----	-----	<b>18</b>	-----
4650 aluminum ore	12	-----	-----	-----	12	-----	-----	12	-----
4670 manganese ore	6	-----	-----	-----	6	-----	-----	6	-----
<b>Subtotal sulphur, clay and salt</b>	<b>9</b>	-----	-----	-----	<b>9</b>	-----	-----	<b>9</b>	-----
4782 clay & refrac. mat.	9	-----	-----	-----	9	-----	-----	9	-----
<b>Subtotal slag</b>	<b>73</b>	-----	-----	-----	<b>73</b>	-----	<b>30</b>	<b>34</b>	<b>9</b>
4860 slag	73	-----	-----	-----	73	-----	30	34	9
<b>Subtotal other non-metal. min.</b>	<b>60</b>	-----	<b>56</b>	-----	<b>5</b>	-----	-----	<b>5</b>	-----
4900 non-metal. min. nec	60	-----	56	-----	5	-----	-----	5	-----
<b>Total primary manufactured goods</b>	<b>2,231</b>	<b>871</b>	<b>8</b>	-----	<b>1,353</b>	<b>129</b>	<b>56</b>	<b>887</b>	<b>280</b>
<b>Subtotal primary iron and steel products</b>	<b>2,003</b>	<b>858</b>	<b>8</b>	-----	<b>1,137</b>	<b>129</b>	<b>56</b>	<b>862</b>	<b>89</b>
5312 pig iron	112	46	8	-----	59	-----	-----	59	-----
5315 ferro alloys	21	0	-----	-----	21	-----	-----	21	-----
5320 i&s primary forms	1,364	703	-----	-----	661	15	-----	646	-----
5330 i&s plates & sheets	190	103	-----	-----	87	-----	-----	37	50
5360 i&s bars & shapes	123	6	-----	-----	117	115	-----	2	-----
5390 primary i&s nec	192	-----	-----	-----	192	-----	56	97	39
<b>Subtotal primary non-ferrous metal products</b>	<b>228</b>	<b>12</b>	-----	-----	<b>216</b>	-----	-----	<b>25</b>	<b>191</b>
5422 aluminum	15	0	-----	-----	14	-----	-----	14	-----
5429 smelted prod. nec	12	12	-----	-----	-----	-----	-----	-----	-----
5480 fab. metal products	201	-----	-----	-----	201	-----	-----	11	191
<b>Total food and farm products</b>	<b>219</b>	-----	-----	-----	<b>219</b>	-----	-----	-----	<b>219</b>
<b>Subtotal grain</b>	<b>137</b>	-----	-----	-----	<b>137</b>	-----	-----	-----	<b>137</b>
6241 wheat	13	-----	-----	-----	13	-----	-----	-----	13
6344 corn	124	-----	-----	-----	124	-----	-----	-----	124

BURNS WATERWAY HARBOR, IN  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic			
		Imports	Imports	Exports	Total	Lakewise	Internal	
						Receipts Shipments	Receipts Shipments	
<b>Subtotal oilseeds</b>	<b>72</b>	-----	-----	-----	<b>72</b>	-----	-----	<b>72</b>
6522 soybeans	70	-----	-----	-----	70	-----	-----	70
6590 oilseeds nec	1	-----	-----	-----	1	-----	-----	1
<b>Subtotal processed grain and animal feed</b>	<b>10</b>	-----	-----	-----	<b>10</b>	-----	-----	<b>10</b>
6782 animal feed, prep.	10	-----	-----	-----	10	-----	-----	10
<b>Total all manufactured equipment, machinery and products</b>	<b>7</b>	<b>6</b>	-----	-----	<b>1</b>	-----	<b>0</b>	<b>0</b>
7110 machinery (not elec)	7	6	-----	-----	1	-----	0	1
7500 textile products	0	0	-----	-----	-----	-----	-----	-----
7900 manufac. prod. nec	0	0	-----	-----	-----	-----	-----	-----

## Other Harbors and Waterways

Harbor or Waterway	Commodity	Tons Thousand
Project		
CHICAGO HARBOR, IL (INCLUDED IN PORT OF CHICAGO)	5290 misc. mineral prod.	1
	<b>Total Tons(x1000)</b>	<b>1</b>
MICHIGAN CITY HARBOR, IN	No Commerce Reported	
Non-project		
BUFFINGTON HARBOR, IN	1200 coal coke	61
	2330 distillate fuel oil	0
	2340 residual fuel oil	0
	4322 limestone	1,007
	4650 aluminum ore	29
	<b>Total Tons(x1000)</b>	<b>1,097</b>
GARY HARBOR, IN	1100 coal lignite	1
	1200 coal coke	157
	2330 distillate fuel oil	1
	2340 residual fuel oil	3
	2540 petroleum coke	32
	3110 nitrogenous fert.	11
	4322 limestone	290
	4331 sand & gravel	3
	4410 iron ore	7,649
	4420 iron & steel scrap	27
	4860 slag	123
	5312 pig iron	1
	5320 i&s primary forms	45
	5330 i&s plates & sheets	54
	5360 i&s bars & shapes	115
	5390 primary i&s nec	234
	5480 fab. metal products	16
	7110 machinery (not elec)	0
	7600 rubber & plastic pr.	2
	<b>Total Tons(x1000)</b>	<b>8,765</b>

## PRESQUE ISLE HARBOR, MI

Section Included: Entire harbor. Controlling and Project Depths: 30 feet in approach and 28 feet in basin.  
 Navigation Season: March 31 to January 21.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	7,203	1990	7,737
1986	4,702	1991	7,801
1987	9,333	1992	10,737
1988	11,433	1993	9,672
1989	12,156	1994	10,191

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian Exports	Domestic		
			Total	Lakewise	
			Receipts	Shipments	
<b>Total, all commodities</b>	<b>10,191</b>	<b>1,921</b>	<b>8,270</b>	<b>1,929</b>	<b>6,341</b>
<b>Total coal</b>	<b>1,745</b>	<b>17</b>	<b>1,727</b>	<b>1,727</b>	-----
1100 coal lignite	1,745	17	1,727	1,727	-----
<b>Total crude materials, inedible except fuels</b>	<b>8,446</b>	<b>1,904</b>	<b>6,543</b>	<b>201</b>	<b>6,341</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>201</b>	-----	<b>201</b>	<b>201</b>	-----
4322 limestone	201	-----	201	201	-----
<b>Subtotal iron ore and scrap</b>	<b>8,245</b>	<b>1,904</b>	<b>6,341</b>	-----	<b>6,341</b>
4410 iron ore	8,245	1,904	6,341	-----	6,341

## MARQUETTE HARBOR, MI

Section Included: Entire harbor. Controlling Depth: 26 feet. Project Depth: 27 feet. Navigation Season: May 14 to November 22.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	178	1990	626
1986	357	1991	634
1987	617	1992	454
1988	729	1993	789
1989	770	1994	822

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Receipts
<b>Total, all commodities</b>	<b>822</b>	<b>822</b>
<b>Total coal</b>	<b>149</b>	<b>149</b>
1100 coal lignite	149	149
<b>Total crude materials, inedible except fuels</b>	<b>673</b>	<b>673</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>673</b>	<b>673</b>
4322 limestone	673	673

## ONTONAGON HARBOR, MI

Section Included: Mouth of Ontonagon River, MI. Controlling Depth: 19 feet in lake approach, 19 feet between entrance piers, and 15 feet in Harbor Basin. Project Depth: 19 feet in lake approach and 19 feet between entrance piers, and 15 feet in inner basin.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	95	1990	174
1986	266	1991	157
1987	302	1992	244
1988	235	1993	360
1989	160	1994	393

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Receipts
<b>Total, all commodities</b>	<b>393</b>	<b>393</b>
<b>Total coal</b>	<b>304</b>	<b>304</b>
1100 coal lignite	304	304
<b>Total crude materials, inedible except fuels</b>	<b>89</b>	<b>89</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>89</b>	<b>89</b>
4322 limestone	89	89

## DRUMMOND ISLAND, MI (INCLUDED IN ST. MARYS RIVER)

Section Included: Private loading dock on St. Marys River at Drummond Island, MI. Controlling Depths: 30 feet to and from Lake Huron; 27.0 feet to and from Lake Superior; 27.0 feet to Lake Superior; 23 feet at dock. Project Depth: See St. Marys River.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	1,187	1990	758
1986	1,301	1991	786
1987	1,516	1992	1,496
1988	535	1993	2,205
1989	820	1994	1,474

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian	Domestic
		Exports	Lakewise Shipments
<b>Total, all commodities</b>	<b>1,474</b>	<b>197</b>	<b>1,277</b>
<b>Total crude materials, inedible except fuels</b>	<b>1,474</b>	<b>197</b>	<b>1,277</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,474</b>	<b>197</b>	<b>1,277</b>
4322 limestone	1,474	197	1,277



## ST. MARYS RIVER, MI

Section Included: Entire length of St. Marys River from Lake Superior to Lake Huron, including American ports of Sault Ste. Marie, Raber, Lime Island, Drummond Island, and Detour, Michigan.

Name of Canal	Project Depth . . . . .	Controlling Depth
Gros Cap Reefs	30.0 . . . . .	30.0
Point Iroquois Shoal Channel	30.0 . . . . .	29.4
Point Iroquois Anchorage areas	29.0 . . . . .	21.0
Birch Point Course	28.0-30.0 . . . .	30.0
Brush Point Course	28.0-30.0	
Point Louise Channel	28.0 . . . . .	28.0
Point Aux Pins Course	28.0 . . . . .	28.0
Vidal Shoals Channel	28.0 . . . . .	28.0

## Locks and Canal (see report for St. Marys Fall Canal)

Bayfield Channel Course 1	28.0 . . . . .	28.0
Anchorage and maneuver area angle courses 1 and 2	28.5 . . . . .	28.5
Little Rapids Courses 2 and 3	27.0 . . . . .	27.0
Lake Nicolet Channel	29.0 . . . . .	29.0
Lake Nicolet Anchorage	28.0 . . . . .	28.0
Middle Neebish Channel	27.0-28.0 . . . .	27.0
West Neebish Channel	27.5-28.5 . . . .	27.5
Lake Munuscong Channel	28.0 . . . . .	28.0
Lime Island Channel	29.0 . . . . .	29.0
Detour Passage	30.0 . . . . .	29.0
Pipe Island Course	29.0 . . . . .	29.0
Watson Reef Course	30.0 . . . . .	30.0
Crab Island	30.0 . . . . .	30.0

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	57,081	1990	71,865
1986	51,033	1991	68,055
1987	61,475	1992	71,223
1988	72,443	1993	69,623
1989	73,469	1994	75,939

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through Upbound Downbnd		Imports	Exports	Through Upbound Downbnd	
<b>Total, all commodities</b>	<b>14,334</b>	<b>2</b>	<b>99</b>	<b>1,966</b>	<b>1</b>	<b>202</b>	<b>2,618</b>	<b>9,448</b>
<b>Total coal</b>	<b>1,906</b>	-----	-----	<b>3</b>	-----	-----	<b>1,299</b>	<b>604</b>
1100 coal lignite	1,831	-----	-----	<b>3</b>	-----	-----	<b>1,299</b>	<b>529</b>
1200 coal coke	75	-----	-----	-----	-----	-----	-----	<b>75</b>

ST. MARYS RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through		Imports	Exports	Through	
			Upbound	Downbnd			Upbound	Downbnd
<b>Total petroleum and petroleum products</b>	<b>128</b>	-----	-----	<b>46</b>	-----	-----	<b>39</b>	<b>43</b>
<b>Subtotal petroleum products</b>	<b>128</b>	-----	-----	<b>46</b>	-----	-----	<b>39</b>	<b>43</b>
2340 residual fuel oil	16	-----	-----	-----	-----	-----	16	-----
2540 petroleum coke	112	-----	-----	46	-----	-----	23	43
<b>Total chemicals and related products</b>	<b>353</b>	<b>1</b>	<b>0</b>	<b>3</b>	-----	-----	<b>20</b>	<b>330</b>
<b>Subtotal fertilizers</b>	<b>288</b>	-----	-----	-----	-----	-----	-----	<b>288</b>
3120 phosphatic fert.	22	-----	-----	-----	-----	-----	-----	22
3130 potassic fert.	266	-----	-----	-----	-----	-----	-----	266
<b>Subtotal other chemicals and related products</b>	<b>65</b>	<b>1</b>	<b>0</b>	<b>3</b>	-----	-----	<b>20</b>	<b>42</b>
3219 other hydrocarbons	0	0	-----	-----	-----	-----	-----	-----
3220 alcohols	0	-----	-----	0	-----	-----	-----	-----
3230 carboxylic acids	1	-----	-----	1	-----	-----	-----	-----
3240 nitrogen func. comp.	0	0	-----	0	-----	-----	-----	-----
3250 organo- inorgan. comp	0	0	-----	0	-----	-----	-----	-----
3260 organic comp. nec	0	-----	0	0	-----	-----	-----	-----
3274 sodium hydroxide	20	-----	-----	-----	-----	-----	20	-----
3275 inorg. elem., oxides, & halogen salts	42	-----	-----	0	-----	-----	-----	42
3276 metallic salts	0	-----	-----	0	-----	-----	-----	-----
3282 pigments & paints	0	-----	-----	0	-----	-----	-----	-----
3283 coloring mat. nec	0	-----	-----	0	-----	-----	-----	-----
3284 medicines	1	1	-----	0	-----	-----	-----	-----
3285 perfumes & cleansers	0	-----	-----	0	-----	-----	-----	-----
3286 plastics	1	-----	-----	1	-----	-----	-----	-----
3291 pesticides	0	-----	-----	0	-----	-----	-----	-----
3292 starches, gluten, glue	0	0	-----	0	-----	-----	-----	-----
3297 chemical additives	0	-----	-----	0	-----	-----	-----	-----
3299 chem. products nec	0	-----	-----	0	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>7,897</b>	<b>1</b>	<b>24</b>	<b>34</b>	-----	<b>202</b>	<b>949</b>	<b>6,688</b>
<b>Subtotal forest products, wood and chips</b>	<b>1</b>	<b>1</b>	-----	<b>0</b>	-----	-----	-----	-----
4189 lumber	1	1	-----	0	-----	-----	-----	-----
<b>Subtotal pulp and waste paper</b>	<b>0</b>	-----	-----	<b>0</b>	-----	-----	-----	-----
4225 pulp & waste paper	0	-----	-----	0	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,488</b>	-----	<b>0</b>	-----	-----	<b>202</b>	<b>663</b>	<b>623</b>
4310 building stone	0	-----	0	-----	-----	-----	-----	-----
4322 limestone	816	-----	-----	-----	-----	202	614	1
4331 sand & gravel	672	-----	-----	-----	-----	-----	50	622
<b>Subtotal iron ore and scrap</b>	<b>6,175</b>	-----	-----	-----	-----	-----	<b>111</b>	<b>6,065</b>
4410 iron ore	6,154	-----	-----	-----	-----	-----	111	6,043
4420 iron & steel scrap	21	-----	-----	-----	-----	-----	-----	21

ST. MARYS RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through Upbound	Downbnd	Imports	Exports	Through Upbound	Downbnd
<b>Subtotal non-ferrous ores and scrap</b>	<b>24</b>	-----	<b>24</b>	<b>0</b>	-----	-----	-----	-----
4630 copper ore	24	-----	24	-----	-----	-----	-----	-----
4680 non-ferrous scrap	0	-----	-----	0	-----	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>6</b>	-----	-----	<b>6</b>	-----	-----	-----	-----
4782 clay & refrac. mat.	6	-----	-----	6	-----	-----	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>202</b>	-----	-----	<b>27</b>	-----	-----	<b>175</b>	-----
4900 non-metal. min. nec	202	-----	-----	27	-----	-----	175	-----
<b>Total primary manufactured goods</b>	<b>618</b>	<b>0</b>	<b>74</b>	<b>4</b>	-----	-----	<b>311</b>	<b>229</b>
<b>Subtotal paper products</b>	<b>1</b>	-----	-----	<b>1</b>	-----	-----	-----	-----
5120 paper & paperboard	1	-----	-----	1	-----	-----	-----	-----
5190 paper products nec	0	-----	-----	0	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>538</b>	<b>0</b>	<b>0</b>	<b>2</b>	-----	-----	<b>311</b>	<b>224</b>
5220 cement & concrete	536	-----	-----	-----	-----	-----	311	224
5240 glass & glass prod.	0	-----	0	0	-----	-----	-----	-----
5290 misc. mineral prod.	2	0	0	2	-----	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>79</b>	-----	<b>74</b>	<b>0</b>	-----	-----	-----	<b>5</b>
5320 i&s primary forms	5	-----	-----	-----	-----	-----	-----	5
5330 i&s plates & sheets	75	-----	74	0	-----	-----	-----	0
5360 i&s bars & shapes	0	-----	0	-----	-----	-----	-----	-----
5390 primary i&s nec	0	-----	-----	0	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	-----	-----	<b>0</b>	-----	-----	-----	<b>0</b>
5421 copper	0	-----	-----	0	-----	-----	-----	-----
5480 fab. metal products	0	-----	-----	0	-----	-----	-----	0
<b>Total food and farm products</b>	<b>3,428</b>	-----	<b>0</b>	<b>1,874</b>	-----	-----	-----	<b>1,554</b>
<b>Subtotal fish</b>	<b>0</b>	-----	-----	<b>0</b>	-----	-----	-----	-----
6136 shellfish	0	-----	-----	0	-----	-----	-----	-----
<b>Subtotal grain</b>	<b>2,846</b>	-----	-----	<b>1,407</b>	-----	-----	-----	<b>1,440</b>
6241 wheat	1,447	-----	-----	755	-----	-----	-----	691
6443 barley & rye	1,220	-----	-----	651	-----	-----	-----	569
6445 oats	179	-----	-----	-----	-----	-----	-----	179
<b>Subtotal oilseeds</b>	<b>528</b>	-----	-----	<b>444</b>	-----	-----	-----	<b>84</b>
6522 soybeans	374	-----	-----	290	-----	-----	-----	84
6590 oilseeds nec	154	-----	-----	154	-----	-----	-----	-----
<b>Subtotal vegetable products</b>	<b>1</b>	-----	-----	<b>1</b>	-----	-----	-----	-----
6654 vegetables & prod.	1	-----	-----	1	-----	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>25</b>	-----	-----	<b>7</b>	-----	-----	-----	<b>18</b>
6747 grain mill products	0	-----	-----	0	-----	-----	-----	-----
6781 hay & fodder	18	-----	-----	-----	-----	-----	-----	18
6782 animal feed, prep.	7	-----	-----	7	-----	-----	-----	-----

ST. MARYS RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through Upbound Downbnd		Imports	Exports	Through Upbound Downbnd	
<b>Subtotal other agricultural products</b>	<b>27</b>	-----	<b>0</b>	<b>15</b>	-----	-----	-----	<b>12</b>
6811 meat, fresh, frozen	2	-----	-----	2	-----	-----	-----	-----
6822 dairy products	0	-----	-----	0	-----	-----	-----	-----
6857 fruit & nuts nec	0	-----	-----	0	-----	-----	-----	-----
6858 fruit juices	1	-----	-----	1	-----	-----	-----	-----
6871 coffee	0	-----	-----	0	-----	-----	-----	-----
6885 alcoholic beverages	0	-----	-----	0	-----	-----	-----	-----
6889 food products nec	0	-----	0	0	-----	-----	-----	-----
6893 cotton	1	-----	-----	1	-----	-----	-----	-----
6899 farm products nec	22	-----	-----	11	-----	-----	-----	12
<b>Total all manufactured equipment, machinery and products</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	-----	<b>0</b>	-----	<b>0</b>
7110 machinery (not elec)	1	-----	0	1	-----	0	-----	-----
7120 electrical machinery	0	0	0	0	-----	-----	-----	0
7210 vehicles & parts	0	0	-----	0	-----	-----	-----	-----
7220 aircraft & parts	0	-----	-----	0	-----	-----	-----	-----
7230 ships & boats	0	-----	-----	0	-----	-----	-----	-----
7500 textile products	0	-----	0	0	-----	-----	-----	-----
7600 rubber & plastic pr.	1	-----	0	1	-----	-----	-----	-----
7900 manufac. prod. nec	0	0	0	0	-----	-----	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	-----	-----	-----	<b>1</b>	-----	-----	-----
9900 unknown or nec	1	-----	-----	-----	1	-----	-----	-----
<b>Ton-miles (x1000) Foreign &amp; Canadian</b>	<b>841,549</b>	<b>74</b>	<b>6,314</b>	<b>125,804</b>	<b>1</b>	<b>4,635</b>	<b>127,972</b>	<b>576,750</b>

Commodity	Total	Lakewise			
		Receipts	Shipments	Through Upbound Downbnd	
<b>Total, all commodities</b>	<b>61,605</b>	<b>10</b>	<b>1,277</b>	<b>5,092</b>	<b>55,226</b>
<b>Total coal</b>	<b>12,284</b>	<b>10</b>	-----	<b>1,221</b>	<b>11,054</b>
1100 coal lignite	12,284	10	-----	1,221	11,054
<b>Total petroleum and petroleum products</b>	<b>20</b>	-----	-----	<b>20</b>	-----
<b>Subtotal petroleum products</b>	<b>20</b>	-----	-----	<b>20</b>	-----
2540 petroleum coke	20	-----	-----	20	-----
<b>Total chemicals and related products</b>	<b>17</b>	-----	-----	<b>17</b>	-----
<b>Subtotal other chemicals and related products</b>	<b>17</b>	-----	-----	<b>17</b>	-----
3276 metallic salts	17	-----	-----	17	-----

ST. MARYS RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Lakewise			
		Receipts	Shipments	Through	
				Upbound	Downbnd
<b>Total crude materials, inedible except fuels</b>	<b>48,570</b>	-----	<b>1,277</b>	<b>3,594</b>	<b>43,699</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>5,183</b>	-----	<b>1,277</b>	<b>3,579</b>	<b>327</b>
4322 limestone	5,182	-----	1,277	3,579	327
4331 sand & gravel	0	-----	-----	0	-----
<b>Subtotal iron ore and scrap</b>	<b>43,373</b>	-----	-----	-----	<b>43,373</b>
4410 iron ore	43,318	-----	-----	-----	43,318
4420 iron & steel scrap	54	-----	-----	-----	54
<b>Subtotal other non-metal. min.</b>	<b>15</b>	-----	-----	<b>15</b>	-----
4900 non-metal. min. nec	15	-----	-----	15	-----
<b>Total primary manufactured goods</b>	<b>240</b>	-----	-----	<b>240</b>	-----
<b>Subtotal lime, cement and glass</b>	<b>240</b>	-----	-----	<b>240</b>	-----
5220 cement & concrete	240	-----	-----	240	-----
<b>Total food and farm products</b>	<b>473</b>	-----	-----	-----	<b>473</b>
<b>Subtotal grain</b>	<b>473</b>	-----	-----	-----	<b>473</b>
6241 wheat	473	-----	-----	-----	473
<b>Ton-miles (x1000)</b>	<b>3,905,560</b>		<b>44,714</b>		<b>3,534,467</b>
Lakewise		482		325,897	
<b>Tons All Traffic (x1000)</b>	<b>75,939</b>				
<b>Ton-miles All Traffic (x1000)</b>	<b>4,747,110</b>				

## ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)

Section Included: American and Canadian Navigation Canals and Locks at St. Marys Falls, Sault Ste. Marie, MI. and Ontario. Controlling Depths: Sabin Lock 23.1, Davis Lock 23.1, Macarthur Lock 31.0, Poe Lock 32.0 and 16.8 feet Canadian Canal. Project Depth: See St. Marys River.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	58,075	1990	68,514
1986	51,408	1991	64,808
1987	62,460	1992	66,366
1988	74,054	1993	64,425
1989	75,143	1994	72,657

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
<b>Total, all commodities</b>	<b>72,657</b>	<b>99</b>	<b>1,966</b>	<b>950</b>	<b>8,873</b>	<b>60,770</b>	<b>5,543</b>	<b>55,226</b>
<b>Total coal</b>	<b>12,778</b>	-----	<b>3</b>	<b>220</b>	<b>270</b>	<b>12,284</b>	<b>1,231</b>	<b>11,054</b>
1100 coal lignite	12,778	-----	3	220	270	12,284	1,231	11,054
<b>Total petroleum and petroleum products</b>	<b>125</b>	-----	<b>46</b>	<b>15</b>	<b>43</b>	<b>20</b>	<b>20</b>	-----
<b>Subtotal petroleum products</b>	<b>125</b>	-----	<b>46</b>	<b>15</b>	<b>43</b>	<b>20</b>	<b>20</b>	-----
2340 residual fuel oil	15	-----	-----	15	-----	-----	-----	-----
2540 petroleum coke	110	-----	46	-----	43	20	20	-----
<b>Total chemicals and related products</b>	<b>359</b>	<b>0</b>	<b>3</b>	<b>20</b>	<b>320</b>	<b>17</b>	<b>17</b>	-----
<b>Subtotal fertilizers</b>	<b>278</b>	-----	-----	-----	<b>278</b>	-----	-----	-----
3120 phosphatic fert.	22	-----	-----	-----	22	-----	-----	-----
3130 potassic fert.	256	-----	-----	-----	256	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>81</b>	<b>0</b>	<b>3</b>	<b>20</b>	<b>42</b>	<b>17</b>	<b>17</b>	-----
3220 alcohols	0	-----	0	-----	-----	-----	-----	-----
3230 carboxylic acids	1	-----	1	-----	-----	-----	-----	-----
3240 nitrogen func. comp.	0	-----	0	-----	-----	-----	-----	-----
3250 organo- inorgan. comp	0	-----	0	-----	-----	-----	-----	-----
3260 organic comp. nec	0	0	0	-----	-----	-----	-----	-----
3274 sodium hydroxide	20	-----	-----	20	-----	-----	-----	-----
3275 inorg. elem., oxides, & halogen salts	42	-----	0	-----	42	-----	-----	-----
3276 metallic salts	17	-----	0	-----	-----	17	17	-----
3282 pigments & paints	0	-----	0	-----	-----	-----	-----	-----
3283 coloring mat. nec	0	-----	0	-----	-----	-----	-----	-----
3284 medicines	0	-----	0	-----	-----	-----	-----	-----
3285 perfumes & cleansers	0	-----	0	-----	-----	-----	-----	-----
3286 plastics	1	-----	1	-----	-----	-----	-----	-----

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN  
ST. MARYS RIVER)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
							Upbound	Downbnd
3291 pesticides	0	-----	0	-----	-----	-----	-----	-----
3292 starches, gluten, glue	0	-----	0	-----	-----	-----	-----	-----
3297 chemical additives	0	-----	0	-----	-----	-----	-----	-----
3299 chem. products nec	0	-----	0	-----	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>54,657</b>	<b>24</b>	<b>34</b>	<b>392</b>	<b>6,472</b>	<b>47,735</b>	<b>4,035</b>	<b>43,699</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4189 lumber	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4225 pulp & waste paper	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>5,086</b>	<b>0</b>	<b>-----</b>	<b>169</b>	<b>570</b>	<b>4,347</b>	<b>4,021</b>	<b>327</b>
4310 building stone	0	0	-----	-----	-----	-----	-----	-----
4322 limestone	4,497	-----	-----	149	1	4,347	4,020	327
4331 sand & gravel	589	-----	-----	19	569	0	0	-----
<b>Subtotal iron ore and scrap</b>	<b>49,323</b>	<b>-----</b>	<b>-----</b>	<b>49</b>	<b>5,902</b>	<b>43,373</b>	<b>-----</b>	<b>43,373</b>
4410 iron ore	49,269	-----	-----	49	5,902	43,318	-----	43,318
4420 iron & steel scrap	54	-----	-----	-----	-----	54	-----	54
<b>Subtotal non-ferrous ores and scrap</b>	<b>24</b>	<b>24</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4630 copper ore	24	24	-----	-----	-----	-----	-----	-----
4680 non-ferrous scrap	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>6</b>	<b>-----</b>	<b>6</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4782 clay & refrac. mat.	6	-----	6	-----	-----	-----	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>217</b>	<b>-----</b>	<b>27</b>	<b>175</b>	<b>-----</b>	<b>15</b>	<b>15</b>	<b>-----</b>
4900 non-metal. min. nec	217	-----	27	175	-----	15	15	-----
<b>Total primary manufactured goods</b>	<b>846</b>	<b>74</b>	<b>4</b>	<b>303</b>	<b>225</b>	<b>240</b>	<b>240</b>	<b>-----</b>
<b>Subtotal paper products</b>	<b>1</b>	<b>-----</b>	<b>1</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
5120 paper & paperboard	1	-----	1	-----	-----	-----	-----	-----
5190 paper products nec	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>770</b>	<b>0</b>	<b>2</b>	<b>303</b>	<b>224</b>	<b>240</b>	<b>240</b>	<b>-----</b>
5220 cement & concrete	768	-----	-----	303	224	240	240	-----
5240 glass & glass prod.	0	0	0	-----	-----	-----	-----	-----
5290 misc. mineral prod.	2	0	2	-----	-----	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>75</b>	<b>74</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
5330 i&s plates & sheets	75	74	0	-----	0	-----	-----	-----
5360 i&s bars & shapes	0	0	-----	-----	-----	-----	-----	-----
5390 primary i&s nec	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
5421 copper	0	-----	0	-----	-----	-----	-----	-----
5480 fab. metal products	0	-----	0	-----	0	-----	-----	-----

ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN  
ST. MARYS RIVER)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd	Through		
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
<b>Total food and farm products</b>	<b>3,890</b>	<b>0</b>	<b>1,874</b>	<b>-----</b>	<b>1,542</b>	<b>473</b>	<b>-----</b>	<b>473</b>
<b>Subtotal fish</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6136 shellfish	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal grain</b>	<b>3,320</b>	<b>-----</b>	<b>1,407</b>	<b>-----</b>	<b>1,440</b>	<b>473</b>	<b>-----</b>	<b>473</b>
6241 wheat	1,920	-----	755	-----	691	473	-----	473
6443 barley & rye	1,220	-----	651	-----	569	-----	-----	-----
6445 oats	179	-----	-----	-----	179	-----	-----	-----
<b>Subtotal oilseeds</b>	<b>528</b>	<b>-----</b>	<b>444</b>	<b>-----</b>	<b>84</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6522 soybeans	374	-----	290	-----	84	-----	-----	-----
6590 oilseeds nec	154	-----	154	-----	-----	-----	-----	-----
<b>Subtotal vegetable products</b>	<b>1</b>	<b>-----</b>	<b>1</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6654 vegetables & prod.	1	-----	1	-----	-----	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>25</b>	<b>-----</b>	<b>7</b>	<b>-----</b>	<b>18</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6747 grain mill products	0	-----	0	-----	-----	-----	-----	-----
6781 hay & fodder	18	-----	-----	-----	18	-----	-----	-----
6782 animal feed, prep.	7	-----	7	-----	-----	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>15</b>	<b>0</b>	<b>15</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6811 meat, fresh, frozen	2	-----	2	-----	-----	-----	-----	-----
6822 dairy products	0	-----	0	-----	-----	-----	-----	-----
6857 fruit & nuts nec	0	-----	0	-----	-----	-----	-----	-----
6858 fruit juices	1	-----	1	-----	-----	-----	-----	-----
6871 coffee	0	-----	0	-----	-----	-----	-----	-----
6885 alcoholic beverages	0	-----	0	-----	-----	-----	-----	-----
6889 food products nec	0	0	0	-----	-----	-----	-----	-----
6893 cotton	1	-----	1	-----	-----	-----	-----	-----
6899 farm products nec	11	-----	11	-----	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>-----</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
7110 machinery (not elec)	1	0	1	-----	-----	-----	-----	-----
7120 electrical machinery	0	0	0	-----	0	-----	-----	-----
7210 vehicles & parts	0	-----	0	-----	-----	-----	-----	-----
7220 aircraft & parts	0	-----	0	-----	-----	-----	-----	-----
7230 ships & boats	0	-----	0	-----	-----	-----	-----	-----
7500 textile products	0	0	0	-----	-----	-----	-----	-----
7600 rubber & plastic pr.	1	0	1	-----	-----	-----	-----	-----
7900 manufac. prod. nec	0	0	0	-----	-----	-----	-----	-----
<b>Ton-miles (x1000)</b>	<b>4,367,878</b>	<b>6,215</b>	<b>123,838</b>	<b>59,868</b>	<b>377,459</b>	<b>3,800,497</b>	<b>321,256</b>	<b>3,479,241</b>
<b>Tons All Traffic (x1000)</b>		<b>72,657</b>						
<b>Ton-miles All Traffic (x1000)</b>		<b>4,367,878</b>						



## GRAYS REEF PASSAGE, MI

Section Included: East channel, 3,000 feet wide and about 2 miles long. Controlling and project depths: 25 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	4,601	1990	8,214
1986	3,980	1991	8,265
1987	3,464	1992	8,826
1988	3,713	1993	8,892
1989	4,569	1994	9,763

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian	Domestic		
		Through	Total	Lakewise	
		Upbound		Through Upbound	Downbnd
<b>Total, all commodities</b>	<b>9,763</b>	<b>79</b>	<b>9,684</b>	<b>2,992</b>	<b>6,691</b>
<b>Total coal</b>	<b>3,520</b>	-----	<b>3,520</b>	<b>416</b>	<b>3,103</b>
1100 coal lignite	3,313	-----	3,313	234	3,079
1200 coal coke	206	-----	206	183	24
<b>Total petroleum and petroleum products</b>	<b>712</b>	-----	<b>712</b>	<b>650</b>	<b>61</b>
<b>Subtotal petroleum products</b>	<b>712</b>	-----	<b>712</b>	<b>650</b>	<b>61</b>
2211 gasoline	183	-----	183	128	56
2330 distillate fuel oil	145	-----	145	139	6
2430 asphalt, tar & pitch	364	-----	364	364	-----
2540 petroleum coke	20	-----	20	20	-----
<b>Total chemicals and related products</b>	<b>107</b>	-----	<b>107</b>	<b>99</b>	<b>8</b>
<b>Subtotal other chemicals and related products</b>	<b>107</b>	-----	<b>107</b>	<b>99</b>	<b>8</b>
3276 metallic salts	107	-----	107	99	8
<b>Total crude materials, inedible except fuels</b>	<b>3,809</b>	-----	<b>3,809</b>	<b>1,481</b>	<b>2,328</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,405</b>	-----	<b>3,405</b>	<b>1,418</b>	<b>1,987</b>
4322 limestone	2,732	-----	2,732	1,010	1,722
4323 gypsum	248	-----	248	-----	248
4331 sand & gravel	424	-----	424	407	17
<b>Subtotal iron ore and scrap</b>	<b>81</b>	-----	<b>81</b>	<b>64</b>	<b>18</b>
4410 iron ore	81	-----	81	64	18
<b>Subtotal slag</b>	<b>74</b>	-----	<b>74</b>	-----	<b>74</b>
4860 slag	74	-----	74	-----	74
<b>Subtotal other non-metal. min.</b>	<b>249</b>	-----	<b>249</b>	-----	<b>249</b>
4900 non-metal. min. nec	249	-----	249	-----	249

GRAYS REEF PASSAGE, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Canadian	Domestic		
		Through	Total	Lakewise	
		Upbound		Through	
				Upbound	Downbnd
<b>Total primary manufactured goods</b>	<b>1,616</b>	<b>79</b>	<b>1,537</b>	<b>345</b>	<b>1,192</b>
<b>Subtotal lime, cement and glass</b>	<b>1,616</b>	<b>79</b>	<b>1,537</b>	<b>345</b>	<b>1,192</b>
5220 cement & concrete	1,616	79	1,537	345	1,192
<b>Ton-miles (x1000)</b>	<b>1,112,306</b>	<b>1,588</b>	<b>1,110,719</b>	<b>366,308</b>	<b>744,411</b>

**Tons All Traffic (x1000)** 9,763  
**Ton-miles All Traffic (x1000)** 1,112,306

GLADSTONE HARBOR, MI

Section Included: Entire harbor including Kipling, MI. Controlling and project depths: 24 feet at Kipling Channel & Turning Basin.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	126	1990	153
1986	43	1991	46
1987	52	1992	177
1988	144	1993	180
1989	94	<b>1994</b>	<b>265</b>

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian	Domestic
		Imports	Lakewise Receipts
<b>Total, all commodities</b>	<b>265</b>	<b>48</b>	<b>217</b>
<b>Total coal</b>	<b>126</b>	-----	<b>126</b>
1100 coal lignite	126	-----	126
<b>Total petroleum and petroleum products</b>	<b>32</b>	-----	<b>32</b>
<b>Subtotal petroleum products</b>	<b>32</b>	-----	<b>32</b>
2430 asphalt, tar & pitch	32	-----	32
<b>Total crude materials, inedible except fuels</b>	<b>107</b>	<b>48</b>	<b>59</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>59</b>	-----	<b>59</b>
4322 limestone	44	-----	44
4331 sand & gravel	15	-----	15
<b>Subtotal other non-metal. min.</b>	<b>48</b>	<b>48</b>	-----
4900 non-metal. min. nec	48	48	-----

## CHARLEVOIX HARBOR, MI

Section Included: Entrance channel and entire area of Round Lake and Lake Charlevoix, including advance, Boyne City and East Jordan. Controlling Depth: 18 feet. Project Depth: 23 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	126	1990	1,508
1986	59	1991	1,312
1987	127	1992	1,353
1988	118	1993	1,467
1989	1,456	1994	1,549

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian Exports	Domestic		
			Total	Lakewise	
			Receipts	Shipments	
<b>Total, all commodities</b>	<b>1,549</b>	<b>79</b>	<b>1,470</b>	<b>319</b>	<b>1,151</b>
<b>Total coal</b>	<b>300</b>	-----	<b>300</b>	<b>300</b>	-----
1100 coal lignite	300	-----	300	300	-----
<b>Total crude materials, inedible except fuels</b>	<b>10</b>	-----	<b>10</b>	<b>10</b>	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>10</b>	-----	<b>10</b>	<b>10</b>	-----
4322 limestone	10	-----	10	10	-----
<b>Total primary manufactured goods</b>	<b>1,235</b>	<b>79</b>	<b>1,156</b>	<b>8</b>	<b>1,148</b>
<b>Subtotal lime, cement and glass</b>	<b>1,235</b>	<b>79</b>	<b>1,156</b>	<b>8</b>	<b>1,148</b>
5220 cement & concrete	1,235	79	1,156	8	1,148
<b>Total unknown or not elsewhere classified</b>	<b>4</b>	-----	<b>4</b>	<b>1</b>	<b>3</b>
9900 unknown or nec	4	-----	4	1	3

## TRAVERSE CITY HARBOR, MI

Section Included: City of Traverse City and the Bay Shore to and including the existing federal project located at Greilickville Hbr., Michigan, about 1.25 miles north of the city limits. Controlling Depth: 14 and 10 feet at the existing project. Project Depth: 14 feet in basin area and 10 feet in mooring area at the existing project. Navigation season: March 4 to December 31.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	222	1990	210
1986	308	1991	190
1987	253	1992	221
1988	259	1993	221
1989	212	1994	282

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Receipts
<b>Total, all commodities</b>	<b>282</b>	<b>282</b>
<b>Total petroleum and petroleum products</b>	<b>282</b>	<b>282</b>
<b>Subtotal petroleum products</b>	<b>282</b>	<b>282</b>
2211 gasoline	161	161
2330 distillate fuel oil	121	121

## MANISTEE HARBOR, MI

Section Included: Entrance channel and entire area of Manistee Lake, including Filer City. Controlling Depths: 24 feet over the entrance bar, through the outer basin and in the channel between the piers; thence 23 feet in the river channel, narrowing to a minimum width of about 100 to 140 feet to Manistee Lake. Project Depths: 25 feet in the outer basin and 23 feet in the river to Manistee Lake. Navigation season: March 30 to December 31.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	263	1990	535
1986	285	1991	372
1987	241	1992	456
1988	245	1993	425
1989	325	1994	483

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian	Domestic
		Imports	Lakewise Receipts
<b>Total, all commodities</b>	<b>483</b>	<b>34</b>	<b>449</b>
<b>Total coal</b>	<b>338</b>	-----	<b>338</b>
1100 coal lignite	326	-----	326
1200 coal coke	12	-----	12
<b>Total petroleum and petroleum products</b>	<b>11</b>	-----	<b>11</b>
<b>Subtotal petroleum products</b>	<b>11</b>	-----	<b>11</b>
2540 petroleum coke	11	-----	11
<b>Total crude materials, inedible except fuels</b>	<b>134</b>	<b>34</b>	<b>100</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>89</b>	-----	<b>89</b>
4322 limestone	89	-----	89
<b>Subtotal slag</b>	<b>11</b>	-----	<b>11</b>
4860 slag	11	-----	11
<b>Subtotal other non-metal. min.</b>	<b>34</b>	<b>34</b>	-----
4900 non-metal. min. nec	34	34	-----

## LUDINGTON HARBOR, MI

Section Included: Entrance channel and entire area of Pere Marquette Lake. Controlling Depths: 26 feet in the outer entrance bar and 27 feet in the channel to Pere Marquette Lake. Project Depths: Outer entrance channel, 30 feet; inner entrance channel, 29.5 feet; channel to Pere Marquette Lake, 29 feet; north and south mooring basins, 18 feet. Navigation season: April 2 to December 31.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	1,075	1990	1,291
1986	721	1991	929
1987	894	1992	846
1988	1,152	1993	966
1989	1,179	1994	1,093

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign		Canadian	
		Imports	Exports	Imports	Exports
<b>Total, all commodities</b>	<b>42</b>	<b>4</b>	<b>8</b>	<b>27</b>	<b>3</b>
<b>Total chemicals and related products</b>	<b>3</b>	-----	-----	-----	<b>3</b>
<b>Subtotal other chemicals and related products</b>	<b>3</b>	-----	-----	-----	<b>3</b>
3276 metallic salts	3	-----	-----	-----	3
<b>Total crude materials, inedible except fuels</b>	<b>38</b>	<b>4</b>	<b>8</b>	<b>27</b>	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>27</b>	-----	-----	<b>27</b>	-----
4331 sand & gravel	27	-----	-----	27	-----
<b>Subtotal sulphur, clay and salt</b>	<b>12</b>	<b>4</b>	<b>8</b>	-----	-----
4782 clay & refrac. mat.	12	4	8	-----	-----

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Shipments	Inraport
<b>Total, all commodities</b>	<b>1,052</b>	<b>615</b>	<b>272</b>	<b>125</b>	<b>40</b>
<b>Total chemicals and related products</b>	<b>246</b>	<b>8</b>	<b>113</b>	<b>125</b>	-----
<b>Subtotal other chemicals and related products</b>	<b>246</b>	<b>8</b>	<b>113</b>	<b>125</b>	-----
3276 metallic salts	246	8	113	125	-----
<b>Total crude materials, inedible except fuels</b>	<b>781</b>	<b>606</b>	<b>158</b>	-----	<b>16</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>781</b>	<b>606</b>	<b>158</b>	-----	<b>16</b>
4322 limestone	595	595	-----	-----	-----
4331 sand & gravel	170	11	158	-----	-----
4335 waterway improv. mat	16	-----	-----	-----	16

LUDINGTON HARBOR, MI  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Shipments	Intraport
<b>Total primary manufactured goods</b>	<b>2</b>	-----	-----	-----	<b>2</b>
<b>Subtotal lime, cement and glass</b>	<b>2</b>	-----	-----	-----	<b>2</b>
5220 cement & concrete	2	-----	-----	-----	2
<b>Total all manufactured equipment, machinery and products</b>	<b>23</b>	<b>1</b>	<b>0</b>	-----	<b>22</b>
7110 machinery (not elec)	23	1	0	-----	22

MUSKEGON HARBOR, MI

Section Included: Entrance channel and entire area of Muskegon Lake. Controlling Depths: 29.0 feet through the outer portion of project and 27 feet in channel to Muskegon Lake. Project Depth: Varying from 29.0 feet at harbor entrance to 28 feet between breakwaters and 27 feet in inner channel. Navigation season: April 7 to December 31.

Comparative Statement of Traffic  
 (thousand tons)

Year	Total	Year	Total
1985	774	1990	1,802
1986	1,193	1991	1,358
1987	1,202	1992	1,562
1988	1,544	1993	1,635
1989	1,877	1994	2,004

Freight Traffic, 1994  
 (thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>2,004</b>	<b>178</b>	<b>30</b>	<b>1,796</b>	<b>1,794</b>	<b>2</b>
<b>Total coal</b>	<b>1,199</b>	-----	-----	<b>1,199</b>	<b>1,199</b>	-----
1100 coal lignite	1,199	-----	-----	1,199	1,199	-----
<b>Total chemicals and related products</b>	<b>8</b>	<b>8</b>	-----	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>8</b>	<b>8</b>	-----	-----	-----	-----
3130 potassic fert.	8	8	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>682</b>	<b>170</b>	<b>30</b>	<b>481</b>	<b>479</b>	<b>2</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>317</b>	<b>41</b>	<b>30</b>	<b>245</b>	<b>243</b>	<b>2</b>
4322 limestone	317	41	30	245	243	2
<b>Subtotal slag</b>	<b>221</b>	-----	-----	<b>221</b>	<b>221</b>	-----
4860 slag	221	-----	-----	221	221	-----

MUSKEGON HARBOR, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Subtotal other non-metal. min.</b>	<b>144</b>	<b>129</b>	-----	<b>15</b>	<b>15</b>	-----
4900 non-metal. min. nec	144	129	-----	15	15	-----
<b>Total primary manufactured goods</b>	<b>116</b>	-----	-----	<b>116</b>	<b>116</b>	-----
<b>Subtotal lime, cement and glass</b>	<b>116</b>	-----	-----	<b>116</b>	<b>116</b>	-----
5220 cement & concrete	116	-----	-----	116	116	-----

GRAND HAVEN HARBOR AND GRAND RIVER, MI

Section Included: Entire harbor, including Ferrysburg and Spring Lake; and Grand River from Grand Trunk RY. Bridge at Ferrysburg to Bass River about 15 miles. Controlling Depths: 22 feet in entrance channel; 21 feet to the mouth of the south channel; 21 feet to the sag; 20 feet to Grand Trunk RY. Bridge at Ferrysburg; 18 feet in the Turning Basin; 17 feet in channel to Spring Lake; thence 8 feet to mile 17.0 and 5 feet to the end of the project. Project Depths: 23 feet in entrance channel; 21 feet to Ferrysburg; 18 feet in channel to Spring Lake; 8 feet to mouth of Bass River. Navigation season: March 1 to December 31.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	1,455	1990	1,052
1986	1,377	1991	792
1987	1,388	1992	871
1988	1,424	1993	1,004
1989	1,333	1994	878

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>878</b>	<b>8</b>	<b>84</b>	<b>787</b>	<b>524</b>	<b>263</b>
<b>Total coal</b>	<b>167</b>	-----	-----	<b>167</b>	<b>167</b>	-----
1100 coal lignite	167	-----	-----	167	167	-----
<b>Total petroleum and petroleum products</b>	<b>5</b>	-----	-----	<b>5</b>	<b>5</b>	-----
<b>Subtotal petroleum products</b>	<b>5</b>	-----	-----	<b>5</b>	<b>5</b>	-----
2430 asphalt, tar & pitch	5	-----	-----	5	5	-----
<b>Total chemicals and related products</b>	<b>5</b>	<b>5</b>	-----	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>5</b>	<b>5</b>	-----	-----	-----	-----
3130 potassic fert.	5	5	-----	-----	-----	-----



GRAND HAVEN HARBOR AND GRAND RIVER, MI  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise Receipts Shipments	
<b>Total crude materials, inedible except fuels</b>	<b>577</b>	<b>2</b>	<b>84</b>	<b>491</b>	<b>228</b>	<b>263</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>507</b>	-----	<b>61</b>	<b>446</b>	<b>183</b>	<b>263</b>
4322 limestone	183	-----	-----	183	183	-----
4331 sand & gravel	325	-----	61	263	-----	263
<b>Subtotal Iron ore and scrap</b>	<b>23</b>	-----	<b>23</b>	-----	-----	-----
4410 iron ore	23	-----	23	-----	-----	-----
<b>Subtotal slag</b>	<b>45</b>	-----	-----	<b>45</b>	<b>45</b>	-----
4860 slag	45	-----	-----	45	45	-----
<b>Subtotal other non-metal. min.</b>	<b>2</b>	<b>2</b>	-----	-----	-----	-----
4900 non-metal. min. nec	2	2	-----	-----	-----	-----
<b>Total primary manufactured goods</b>	<b>124</b>	-----	-----	<b>124</b>	<b>124</b>	-----
<b>Subtotal lime, cement and glass</b>	<b>124</b>	-----	-----	<b>124</b>	<b>124</b>	-----
5220 cement & concrete	124	-----	-----	124	124	-----
<b>Ton-miles (x1000)</b>	<b>677</b>	<b>0</b>	<b>0</b>	<b>677</b>	<b>677</b>	<b>0</b>
<b>Tons All Traffic (x1000)</b>	<b>878</b>					
<b>Ton-miles All Traffic (x1000)</b>	<b>677</b>					

## HOLLAND HARBOR, MI

Section Included: Controlling Depths: Entrance channel - 23 feet decreasing to 20 feet at the outer end of the inner pier; thence a controlling depth of 19 feet for a channel through Lake Macatawa to the wharves in Holland, MI, a Turning Basin 18 feet deep, a channel in Black River 21 feet deep and a settling basin with a project depth of 17 feet above the Black River channel to the State Street Bridge. Navigation season: March 13 to December 31.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	457	1990	391
1986	420	1991	262
1987	314	1992	316
1988	313	1993	317
1989	361	1994	391

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian Imports	Domestic		
			Total	Lakewise	
				Receipts	Shipments
<b>Total, all commodities</b>	<b>391</b>	<b>18</b>	<b>374</b>	<b>372</b>	<b>2</b>
<b>Total coal</b>	<b>154</b>	-----	<b>154</b>	<b>154</b>	-----
1100 coal lignite	154	-----	154	154	-----
<b>Total crude materials, inedible except fuels</b>	<b>237</b>	<b>18</b>	<b>220</b>	<b>217</b>	<b>2</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>160</b>	-----	<b>160</b>	<b>160</b>	-----
4322 limestone	160	-----	160	160	-----
<b>Subtotal iron ore and scrap</b>	<b>2</b>	-----	<b>2</b>	-----	<b>2</b>
4420 iron & steel scrap	2	-----	2	-----	2
<b>Subtotal slag</b>	<b>58</b>	-----	<b>58</b>	<b>58</b>	-----
4860 slag	58	-----	58	58	-----
<b>Subtotal other non-metal. min.</b>	<b>18</b>	<b>18</b>	-----	-----	-----
4900 non-metal. min. nec	18	18	-----	-----	-----

## ST. JOSEPH HARBOR, MI

Section Included: Entrance channel and lower portion of St. Joseph River to and including Benton Harbor Canal. Controlling Depth: 24 feet at entrance; 21 feet between entrance piers and in the river to the mouth of the Paw Paw River; with miscellaneous of shoaling along the channel limits; 17 feet in the Turning Basin; and 16 feet at Benton Harbor Canal. Project Depths: 24 feet at entrance, and 21 feet in channel and river to the mouth of the Paw Paw River; 18 feet in Turning Basins and the Benton Harbor Canal. Navigation season: March 7 to December 31.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	390	1990	445
1986	433	1991	418
1987	492	1992	543
1988	463	1993	485
1989	386	1994	631

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Receipts
<b>Total, all commodities</b>	<b>631</b>	<b>631</b>
<b>Total crude materials, inedible except fuels</b>	<b>383</b>	<b>383</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>383</b>	<b>383</b>
4322 limestone	383	383
<b>Total primary manufactured goods</b>	<b>248</b>	<b>248</b>
<b>Subtotal lime, cement and glass</b>	<b>248</b>	<b>248</b>
5220 cement & concrete	248	248

## CHEBOYGAN HARBOR, MI

Section Included: Entrance channel and 3,500 feet of river. Controlling Depth: 21 feet to East First Street, including turning basin, and 18.5 feet to the State Road Bridge. Project Depth: 21 feet to East First Street; 18.5 feet to the State Road Bridge; 8.5 feet above the State Road Bridge to Lock in Cheboygan River; 21 feet in turning basin.  
Navigation season: 14 April to 9 December.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	89	1990	134
1986	113	1991	115
1987	142	1992	110
1988	162	1993	221
1989	143	1994	299

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian Exports	Domestic		
			Total	Lakewise	
				Receipts	Shipments
<b>Total, all commodities</b>	<b>299</b>	<b>9</b>	<b>289</b>	<b>283</b>	<b>6</b>
<b>Total petroleum and petroleum products</b>	<b>299</b>	<b>9</b>	<b>289</b>	<b>283</b>	<b>6</b>
<b>Subtotal petroleum products</b>	<b>299</b>	<b>9</b>	<b>289</b>	<b>283</b>	<b>6</b>
2211 gasoline	147		147	147	
2330 distillate fuel oil	136		136	136	
2340 residual fuel oil	9	9			
2430 asphalt, tar & pitch	6		6		6

## MILWAUKEE HARBOR, WI

Section Included: Lake Approach Channel, outer harbor, Milwaukee River to Buffalo Street, lower 2 miles of Menomonee River, lower 2 miles of Kinnickinnic River and South Menomonee and Burnham Canals. Controlling and project depths: 30 feet in Lake Approach Channel, 28 feet in the entrance channel and the south outer harbor, 21 feet in the north outer harbor, 27 feet in the Kinnickinnic River to the Chicago and North Western Railway Bridge at mile 1.0, thence 21 feet to South Kinnickinnic Avenue Bridge; 27 feet in Milwaukee River to the Chicago and North Western Railway Bridge at mile 0.21, thence 21 feet to East Buffalo Street Bridge; 21 feet in Menomonee River and South Menomonee and Burnham Canals.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	2,490	1990	2,128
1986	1,823	1991	2,076
1987	2,161	1992	2,153
1988	2,289	1993	2,496
1989	2,379	1994	2,641

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign		Canadian	
		Imports	Exports	Imports	Exports
<b>Total, all commodities</b>	<b>1,077</b>	<b>173</b>	<b>59</b>	<b>760</b>	<b>84</b>
<b>Total chemicals and related products</b>	<b>1</b>	-----	<b>1</b>	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>1</b>	-----	<b>1</b>	-----	-----
3260 organic comp. nec	0	-----	0	-----	-----
3274 sodium hydroxide	1	-----	1	-----	-----
3276 metallic salts	0	-----	0	-----	-----
3285 perfumes & cleansers	0	-----	0	-----	-----
3286 plastics	0	-----	0	-----	-----
3292 starches, gluten, glue	0	-----	0	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>650</b>	<b>0</b>	<b>0</b>	<b>595</b>	<b>54</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----
4189 lumber	0	-----	0	-----	-----
4190 forest products nec	0	0	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>55</b>	-----	<b>0</b>	-----	<b>54</b>
4331 sand & gravel	55	-----	0	-----	54
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	-----	<b>0</b>	-----	-----
4782 clay & refrac. mat.	0	-----	0	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>595</b>	-----	-----	<b>595</b>	-----
4900 non-metal. min. nec	595	-----	-----	595	-----
<b>Total primary manufactured goods</b>	<b>331</b>	<b>165</b>	<b>0</b>	<b>165</b>	<b>0</b>
<b>Subtotal paper products</b>	<b>0</b>	-----	<b>0</b>	-----	-----
5120 paper & paperboard	0	-----	0	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>138</b>	<b>0</b>	<b>0</b>	<b>138</b>	-----
5220 cement & concrete	138	-----	-----	138	-----
5240 glass & glass prod.	0	0	0	-----	-----
5290 misc. mineral prod.	0	0	-----	-----	-----

MILWAUKEE HARBOR, WI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign		Canadian	
		Imports	Exports	Imports	Exports
<b>Subtotal primary iron and steel products</b>	<b>171</b>	<b>143</b>	-----	<b>28</b>	<b>0</b>
5312 pig iron	28	-----	-----	28	-----
5320 i&s primary forms	4	4	-----	-----	-----
5330 i&s plates & sheets	113	113	-----	-----	0
5360 i&s bars & shapes	26	26	-----	-----	-----
5390 primary i&s nec	0	0	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>22</b>	<b>22</b>	<b>0</b>	-----	-----
5422 aluminum	19	19	-----	-----	-----
5429 smelted prod. nec	3	3	-----	-----	-----
5480 fab. metal products	0	0	0	-----	-----
<b>Total food and farm products</b>	<b>80</b>	<b>0</b>	<b>50</b>	-----	<b>30</b>
<b>Subtotal grain</b>	<b>65</b>	-----	<b>35</b>	-----	<b>30</b>
6344 corn	65	-----	35	-----	30
<b>Subtotal oilseeds</b>	<b>14</b>	-----	<b>14</b>	-----	-----
6522 soybeans	14	-----	14	-----	-----
<b>Subtotal vegetable products</b>	<b>0</b>	-----	<b>0</b>	-----	-----
6654 vegetables & prod.	0	-----	0	-----	-----
<b>Subtotal other agricultural products</b>	<b>1</b>	<b>0</b>	<b>1</b>	-----	-----
6817 meat, prepared	0	0	-----	-----	-----
6839 animals & prod. nec	0	-----	0	-----	-----
6885 alcoholic beverages	0	0	0	-----	-----
6889 food products nec	0	-----	0	-----	-----
6891 tobacco & products	0	-----	0	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>15</b>	<b>8</b>	<b>7</b>	-----	-----
7110 machinery (not elec)	14	7	6	-----	-----
7120 electrical machinery	0	0	0	-----	-----
7210 vehicles & parts	1	0	1	-----	-----
7500 textile products	0	-----	0	-----	-----
7600 rubber & plastic pr.	0	0	0	-----	-----
7900 manufac. prod. nec	0	0	0	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	-----	<b>0</b>	-----	-----
9900 unknown or nec	0	-----	0	-----	-----

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total, all commodities</b>	<b>1,564</b>	<b>1,366</b>	<b>24</b>	<b>97</b>	<b>76</b>
<b>Total coal</b>	<b>562</b>	<b>554</b>	-----	<b>9</b>	-----
1100 coal lignite	557	554	-----	3	-----
1200 coal coke	5	-----	-----	5	-----

MILWAUKEE HARBOR, WI  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Domestic			
		Lakewise		Internal	
		Receipts	Shipments	Receipts	Shipments
<b>Total petroleum and petroleum products</b>	<b>208</b>	<b>208</b>	-----	-----	-----
<b>Subtotal petroleum products</b>	<b>208</b>	<b>208</b>	-----	-----	-----
2430 asphalt, tar & pitch	208	208	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>281</b>	<b>222</b>	<b>15</b>	<b>38</b>	<b>7</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>97</b>	<b>82</b>	<b>15</b>	-----	-----
4322 limestone	51	46	4	-----	-----
4331 sand & gravel	36	36	-----	-----	-----
4335 waterway improv. mat	10	-----	10	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>7</b>	-----	-----	-----	<b>7</b>
4420 iron & steel scrap	7	-----	-----	-----	7
<b>Subtotal sulphur, clay and salt</b>	<b>4</b>	-----	-----	<b>4</b>	-----
4782 clay & refrac. mat.	4	-----	-----	4	-----
<b>Subtotal other non-metal. min.</b>	<b>174</b>	<b>140</b>	-----	<b>34</b>	-----
4900 non-metal. min. nec	174	140	-----	34	-----
<b>Total primary manufactured goods</b>	<b>448</b>	<b>382</b>	<b>8</b>	<b>51</b>	<b>7</b>
<b>Subtotal lime, cement and glass</b>	<b>390</b>	<b>382</b>	<b>8</b>	-----	-----
5220 cement & concrete	390	382	8	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>58</b>	-----	-----	<b>51</b>	<b>7</b>
5312 pig iron	38	-----	-----	38	-----
5360 i&s bars & shapes	2	-----	-----	2	-----
5370 i&s pipe & tube	5	-----	-----	-----	5
5390 primary i&s nec	13	-----	-----	12	2
<b>Total food and farm products</b>	<b>62</b>	-----	-----	-----	<b>62</b>
<b>Subtotal grain</b>	<b>33</b>	-----	-----	-----	<b>33</b>
6241 wheat	3	-----	-----	-----	3
6344 corn	30	-----	-----	-----	30
<b>Subtotal oilseeds</b>	<b>28</b>	-----	-----	-----	<b>28</b>
6522 soybeans	28	-----	-----	-----	28
<b>Total all manufactured equipment, machinery and products</b>	<b>3</b>	<b>0</b>	<b>1</b>	-----	<b>2</b>
7110 machinery (not elec)	3	0	1	-----	2

PORT WASHINGTON HARBOR, WI

Section Included: Outer harbor and interior basins. Controlling and project depths: 21 feet in the entrance channel and outer Turning Basin; 18 feet in inner basins.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	241	1990	139
1986	293	1991	125
1987	127	1992	120
1988	186	1993	84
1989	173	1994	335

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Receipts
<b>Total, all commodities</b>	<b>335</b>	<b>335</b>
<b>Total coal</b>	<b>335</b>	<b>335</b>
1100 coal lignite	335	335

MANITOWOC HARBOR, WI

Section Included: Outer harbor and lower 2 miles of river. Controlling and project depths: 21 feet in the Lake Approach Channel, the outer harbor, and in the river channel to the Third Railway Bridge.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	191	1990	201
1986	304	1991	272
1987	176	1992	274
1988	112	1993	300
1989	218	1994	330

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
<b>Total, all commodities</b>	<b>330</b>	<b>300</b>	<b>30</b>
<b>Total coal</b>	<b>126</b>	<b>126</b>	-----
1100 coal lignite	126	126	-----



MANITOWOC HARBOR, WI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
<b>Total crude materials, inedible except fuels</b>	<b>32</b>	<b>2</b>	<b>30</b>
<b>Subtotal forest products, wood and chips</b>	<b>2</b>	<b>2</b>	-----
4170 wood in the rough	2	2	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>30</b>	-----	<b>30</b>
4322 limestone	11	-----	11
4335 waterway improv. mat	19	-----	19
<b>Total primary manufactured goods</b>	<b>172</b>	<b>172</b>	-----
<b>Subtotal lime, cement and glass</b>	<b>172</b>	<b>172</b>	-----
5220 cement & concrete	172	172	-----

GREEN BAY HARBOR, WI

Section Included: Outer channel, channel through the city of Green Bay and upper river channel to city of De Pere. Controlling and project depths: 26 feet in outer channel to Grassy Island; 24 feet in the entrance channel and river channel to a point 1,700 feet upstream from the C. & N. W. R. R. Bridge; 24 feet in the Turning Basin at the mouth of the East River; 20 feet in the Turning Basin above the C. & N. W. R. R. Bridge; 18 feet in the upper river channel and Turning Basin at the city of De Pere.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	2,296	1990	1,677
1986	2,200	1991	2,068
1987	1,431	1992	2,431
1988	1,640	1993	2,587
1989	1,547	1994	2,288

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Imports	Exports	Imports	Total	Lakewise	Internal	
					Receipts		Intra	
							Upbound	Downbnd
<b>Total, all commodities</b>	<b>2,288</b>	<b>19</b>	<b>43</b>	<b>177</b>	<b>2,048</b>	<b>1,773</b>	<b>224</b>	<b>51</b>
<b>Total coal</b>	<b>897</b>	-----	-----	-----	<b>897</b>	<b>897</b>	-----	-----
1100 coal lignite	897	-----	-----	-----	897	897	-----	-----
<b>Total petroleum and petroleum products</b>	<b>99</b>	-----	-----	-----	<b>99</b>	<b>99</b>	-----	-----
<b>Subtotal petroleum products</b>	<b>99</b>	-----	-----	-----	<b>99</b>	<b>99</b>	-----	-----
2430 asphalt, tar & pitch	99	-----	-----	-----	99	99	-----	-----

GREEN BAY HARBOR, WI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian	Domestic			
		Imports	Exports	Imports	Total	Lakewise	Internal	
					Receipts		Intra	
							Upbound	Downbnd
Total chemicals and related products	14	-----	0	-----	14	14	-----	-----
Subtotal other chemicals and related products	14	-----	0	-----	14	14	-----	-----
3276 metallic salts	14	-----	-----	-----	14	14	-----	-----
3285 perfumes & cleansers	0	-----	0	-----	-----	-----	-----	-----
Total crude materials, inedible except fuels	946	19	10	114	803	528	224	51
Subtotal pulp and waste paper	10	-----	10	-----	-----	-----	-----	-----
4225 pulp & waste paper	10	-----	10	-----	-----	-----	-----	-----
Subtotal soil, sand, gravel, rock and stone	710	-----	-----	-----	710	434	224	51
4322 limestone	414	-----	-----	-----	414	414	-----	-----
4331 sand & gravel	295	-----	-----	-----	295	20	224	51
Subtotal other non-metal. min.	227	19	-----	114	94	94	-----	-----
4900 non-metal. min. nec	227	19	-----	114	94	94	-----	-----
Total primary manufactured goods	299	-----	0	64	235	235	-----	-----
Subtotal lime, cement and glass	299	-----	-----	64	235	235	-----	-----
5220 cement & concrete	299	-----	-----	64	235	235	-----	-----
Subtotal primary non-ferrous metal products	0	-----	0	-----	-----	-----	-----	-----
5480 fab. metal products	0	-----	0	-----	-----	-----	-----	-----
Total food and farm products	33	-----	33	-----	-----	-----	-----	-----
Subtotal other agricultural products	33	-----	33	-----	-----	-----	-----	-----
6838 tallow, animal oils	33	-----	33	-----	-----	-----	-----	-----
Total all manufactured equipment, machinery and products	0	0	-----	-----	-----	-----	-----	-----
7210 vehicles & parts	0	0	-----	-----	-----	-----	-----	-----

## ALPENA HARBOR, MI

Section Included: Lower 4,000 feet of river and private harbors north of mouth of Thunder Bay River. Controlling Depth: 21 feet in the bay section; 17 feet in river; 15 feet in Turning Basin. Project Depths: channel 21 feet deep from that depth in Thunder Bay to a point 2,500 feet lakeward of the lighthouse; thence 18.5 feet in river narrowing to 100-foot width at a point 700 feet upstream from the lighthouse; thence 100 feet wide and 18.5 feet deep to the Second Ave. Bridge; thence 18.5 feet deep and 75 feet wide to the upper limits of the project; a Turning Basin 15 feet deep by 3.7 acres at the upper end of project; and a Turning Basin 18.5 feet deep at the river mouth. Navigation season: March 15 to December 17.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	2,382	1990	2,255
1986	2,393	1991	2,284
1987	1,969	1992	2,486
1988	2,128	1993	2,547
1989	2,397	1994	2,672

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>2,672</b>	<b>6</b>	<b>113</b>	<b>2,553</b>	<b>582</b>	<b>1,971</b>
<b>Total coal</b>	<b>519</b>	-----	-----	<b>519</b>	<b>519</b>	-----
1100 coal lignite	336	-----	-----	336	336	-----
1200 coal coke	183	-----	-----	183	183	-----
<b>Total petroleum and petroleum products</b>	<b>6</b>	<b>6</b>	-----	-----	-----	-----
<b>Subtotal petroleum products</b>	<b>6</b>	<b>6</b>	-----	-----	-----	-----
2330 distillate fuel oil	6	6	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>64</b>	-----	<b>0</b>	<b>64</b>	<b>64</b>	-----
<b>Subtotal iron ore and scrap</b>	<b>64</b>	-----	-----	<b>64</b>	<b>64</b>	-----
4410 iron ore	64	-----	-----	64	64	-----
<b>Subtotal slag</b>	<b>0</b>	-----	<b>0</b>	-----	-----	-----
4860 slag	0	-----	0	-----	-----	-----
<b>Total primary manufactured goods</b>	<b>2,084</b>	-----	<b>113</b>	<b>1,971</b>	-----	<b>1,971</b>
<b>Subtotal lime, cement and glass</b>	<b>2,084</b>	-----	<b>113</b>	<b>1,971</b>	-----	<b>1,971</b>
5220 cement & concrete	2,084	-----	113	1,971	-----	1,971

## SAGINAW RIVER, MI

Section Included: From the mouth of the river up to and including Saginaw, MI Controlling Depths: 27 feet from the 25 foot contour in Saginaw Bay to 26 feet at the river mouth, 4 feet misc. shoaling along channel limits; thence 24 feet to the Grand Trunk R.R. Bridge; thence 22 feet to the C&O R.R. Bridge in Saginaw, MI; thence 14 feet to the Holland Street Bridge; thence about 7 feet over a width of 100 feet upstream to Green Point (This Section not Maintained). Controlling depths in Turning Basins are: Essexville - 23 feet north side, 22 feet south side; Airport - 21 feet; Carrollton - 19 feet; Sixth Street - 20 feet; basin at 19 mile point - 15 feet. Project Depths: 27 feet from the deep water in Saginaw Bay to the river mouth; thence 26 feet for 0.4 mile; thence 25 feet to the Grand Trunk R.R. Bridge; thence 22 feet to the C&O R.R. Bridge in Saginaw; thence 16.5 feet to the upstream limits at Green Point. 20 and 25 feet in Essexville Turning Basin; 22 feet in the Airport turning basin; 20 feet in the Carrollton Turning Basin; 20 feet in the Sixth Street Turning Basin and 15 feet in the Turning Basin at the 19 mile point. Navigation season: March 24 to December 31.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	3,903	1990	4,039
1986	3,917	1991	3,895
1987	4,342	1992	3,789
1988	4,571	1993	5,234
1989	4,674	1994	5,119

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic			
		Imports	Exports	Total	Lakewise		Internal Intra Upbound
					Receipts	Shipments	
<b>Total, all commodities</b>	<b>5,119</b>	<b>945</b>	<b>45</b>	<b>4,129</b>	<b>4,045</b>	<b>73</b>	<b>10</b>
<b>Total coal</b>	<b>737</b>	-----	-----	<b>737</b>	<b>737</b>	-----	-----
1100 coal lignite	737	-----	-----	737	737	-----	-----
<b>Total petroleum and petroleum products</b>	<b>170</b>	<b>28</b>	<b>39</b>	<b>102</b>	<b>37</b>	<b>66</b>	-----
<b>Subtotal petroleum products</b>	<b>170</b>	<b>28</b>	<b>39</b>	<b>102</b>	<b>37</b>	<b>66</b>	-----
2211 gasoline	61	-----	-----	61	1	60	-----
2330 distillate fuel oil	37	-----	29	8	3	6	-----
2340 residual fuel oil	56	28	10	18	18	-----	-----
2430 asphalt, tar & pitch	15	-----	-----	15	15	-----	-----
<b>Total chemicals and related products</b>	<b>177</b>	<b>87</b>	-----	<b>90</b>	<b>82</b>	<b>8</b>	-----
<b>Subtotal fertilizers</b>	<b>45</b>	<b>45</b>	-----	-----	-----	-----	-----
3130 potassic fert.	45	45	-----	-----	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>132</b>	<b>42</b>	-----	<b>90</b>	<b>82</b>	<b>8</b>	-----
3275 inorg. elem., oxides, & halogen salts	42	42	-----	-----	-----	-----	-----
3276 metallic salts	90	-----	-----	90	82	8	-----
<b>Total crude materials, inedible except fuels</b>	<b>3,791</b>	<b>680</b>	-----	<b>3,111</b>	<b>3,101</b>	-----	<b>10</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,464</b>	<b>473</b>	-----	<b>2,991</b>	<b>2,980</b>	-----	<b>10</b>
4322 limestone	2,753	-----	-----	2,753	2,753	-----	-----
4331 sand & gravel	710	473	-----	237	227	-----	10

SAGINAW RIVER, MI  
Freight Traffic, 1991 - continued  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise Receipts Shipments	Internal Intra Upbound
<b>Subtotal other non-metal. min.</b>	<b>327</b>	<b>207</b>	-----	<b>121</b>	<b>121</b>	-----
4900 non-metal. min. nec	327	207	-----	121	121	-----
<b>Total primary manufactured goods</b>	<b>245</b>	<b>150</b>	<b>6</b>	<b>89</b>	<b>89</b>	-----
<b>Subtotal lime, cement and glass</b>	<b>245</b>	<b>150</b>	<b>6</b>	<b>89</b>	<b>89</b>	-----
5220 cement & concrete	245	150	6	89	89	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----
7120 electrical machinery	0	0	-----	-----	-----	-----
7210 vehicles & parts	0	0	-----	-----	-----	-----

ST. CLAIR RIVER, MI

Section Included: Entire length of St. Clair River and Black River up to Washington Avenue in Port Huron.  
Controlling Depths: 27 to 30 feet in St. Clair River at Port Huron and 20 feet in Black River.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	69,918	1990	75,438
1986	65,350	1991	66,003
1987	68,396	1992	68,613
1988	76,541	1993	69,062
1989	78,458	<b>1994</b>	<b>75,531</b>

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through		Imports	Exports	Through	
			Upbound	Downbnd			Upbound	Downbnd
<b>Total, all commodities</b>	<b>21,231</b>	<b>1</b>	<b>3,115</b>	<b>2,114</b>	<b>660</b>	<b>73</b>	<b>6,593</b>	<b>8,675</b>
<b>Total coal</b>	<b>3,329</b>	-----	-----	<b>23</b>	<b>0</b>	-----	<b>2,942</b>	<b>364</b>
1100 coal lignite	3,224	-----	-----	3	0	-----	2,932	289
1200 coal coke	104	-----	-----	20	-----	-----	9	75
<b>Total petroleum and petroleum products</b>	<b>500</b>	-----	-----	<b>46</b>	<b>36</b>	<b>65</b>	<b>75</b>	<b>277</b>
<b>Subtotal crude petroleum</b>	<b>61</b>	-----	-----	-----	-----	-----	-----	<b>61</b>
2100 crude petroleum	61	-----	-----	-----	-----	-----	-----	61

ST. CLAIR RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through		Imports	Exports	Through	
			Upbound	Downbnd			Upbound	Downbnd
<b>Subtotal petroleum products</b>	<b>438</b>	-----	-----	<b>46</b>	<b>36</b>	<b>65</b>	<b>75</b>	<b>216</b>
2211 gasoline	11	-----	-----	-----	-----	11	-----	-----
2221 kerosene	17	-----	-----	-----	-----	17	-----	-----
2330 distillate fuel oil	55	-----	-----	-----	7	21	6	21
2340 residual fuel oil	162	-----	-----	-----	25	-----	62	74
2350 lube oil & greases	23	-----	-----	0	-----	2	-----	21
2429 naphtha & solvents	2	-----	-----	-----	-----	-----	2	0
2430 asphalt, tar & pitch	23	-----	-----	-----	4	14	5	-----
2540 petroleum coke	146	-----	-----	46	-----	-----	-----	100
<b>Total chemicals and related products</b>	<b>571</b>	-----	<b>18</b>	<b>8</b>	<b>144</b>	<b>0</b>	<b>167</b>	<b>233</b>
<b>Subtotal fertilizers</b>	<b>203</b>	-----	<b>0</b>	-----	<b>29</b>	-----	<b>11</b>	<b>163</b>
3110 nitrogenous fert.	32	-----	0	-----	29	-----	-----	3
3130 potassic fert.	171	-----	-----	-----	-----	-----	11	160
<b>Subtotal other chemicals and related products</b>	<b>368</b>	-----	<b>18</b>	<b>8</b>	<b>115</b>	<b>0</b>	<b>156</b>	<b>70</b>
3211 acyclic hydrocarbons	3	-----	-----	-----	3	-----	-----	-----
3212 benzene & toluene	40	-----	-----	-----	-----	-----	33	6
3219 other hydrocarbons	51	-----	6	0	28	-----	1	16
3220 alcohols	29	-----	0	0	-----	-----	1	27
3230 carboxylic acids	1	-----	-----	1	-----	-----	-----	-----
3240 nitrogen func. comp.	21	-----	-----	0	21	-----	-----	0
3250 organo- inorgan. comp	0	-----	-----	0	0	0	-----	-----
3260 organic comp. nec	16	-----	0	0	3	-----	13	-----
3273 ammonia	5	-----	-----	-----	5	-----	-----	-----
3274 sodium hydroxide	130	-----	-----	1	0	-----	107	22
3275 inorg. elem., oxides, & halogen salts	16	-----	9	2	5	-----	-----	-----
3276 metallic salts	1	-----	0	0	0	0	-----	-----
3279 inorganic chem. nec	0	-----	-----	-----	0	-----	-----	-----
3281 radioactive material	0	-----	0	-----	-----	-----	-----	-----
3282 pigments & paints	2	-----	2	0	-----	-----	-----	0
3283 coloring mat. nec	0	-----	0	0	-----	-----	-----	-----
3284 medicines	1	-----	0	1	-----	-----	-----	-----
3285 perfumes & cleansers	0	-----	0	0	-----	-----	-----	0
3286 plastics	50	-----	0	1	49	-----	0	0
3291 pesticides	0	-----	-----	0	-----	-----	-----	-----
3292 starches, gluten, glue	1	-----	1	0	0	-----	-----	-----
3297 chemical additives	0	-----	-----	0	-----	-----	0	-----
3299 chem. products nec	0	-----	0	0	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>9,247</b>	-----	<b>89</b>	<b>64</b>	<b>134</b>	-----	<b>2,919</b>	<b>6,040</b>
<b>Subtotal forest products, wood and chips</b>	<b>42</b>	-----	<b>0</b>	<b>1</b>	<b>29</b>	-----	<b>0</b>	<b>12</b>
4170 wood in the rough	0	-----	-----	-----	0	-----	-----	-----
4189 lumber	42	-----	-----	1	29	-----	0	12
4190 forest products nec	0	-----	0	-----	-----	-----	-----	0
<b>Subtotal pulp and waste paper</b>	<b>30</b>	-----	<b>8</b>	<b>21</b>	-----	-----	-----	-----
4225 pulp & waste paper	30	-----	8	21	-----	-----	-----	-----

ST. CLAIR RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through Upbound	Downbnd	Imports	Exports	Through Upbound	Downbnd
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,451</b>	-----	<b>0</b>	<b>0</b>	<b>86</b>	-----	<b>58</b>	<b>2,306</b>
4310 building stone	0	-----	0	-----	-----	-----	-----	-----
4322 limestone	2,063	-----	-----	-----	-----	-----	58	2,005
4331 sand & gravel	387	-----	-----	0	86	-----	-----	301
<b>Subtotal iron ore and scrap</b>	<b>5,524</b>	-----	<b>30</b>	-----	<b>0</b>	-----	<b>2,172</b>	<b>3,323</b>
4410 iron ore	5,497	-----	29	-----	-----	-----	2,157	3,311
4420 iron & steel scrap	27	-----	1	-----	0	-----	15	12
<b>Subtotal non-ferrous ores and scrap</b>	<b>26</b>	-----	<b>25</b>	<b>0</b>	-----	-----	-----	<b>0</b>
4630 copper ore	24	-----	24	-----	-----	-----	-----	-----
4650 aluminum ore	0	-----	0	-----	-----	-----	-----	-----
4680 non-ferrous scrap	1	-----	1	0	-----	-----	-----	-----
4690 non-ferrous ores nec	0	-----	-----	0	-----	-----	-----	0
<b>Subtotal sulphur, clay and salt</b>	<b>20</b>	-----	<b>6</b>	<b>14</b>	-----	-----	-----	-----
4782 clay & refrac. mat.	20	-----	6	14	-----	-----	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>1,154</b>	-----	<b>19</b>	<b>27</b>	<b>19</b>	-----	<b>689</b>	<b>400</b>
4900 non-metal. min. nec	1,154	-----	19	27	19	-----	689	400
<b>Total primary manufactured goods</b>	<b>3,571</b>	-----	<b>2,984</b>	<b>4</b>	<b>64</b>	-----	<b>453</b>	<b>66</b>
<b>Subtotal paper products</b>	<b>21</b>	-----	<b>0</b>	<b>1</b>	<b>19</b>	-----	<b>0</b>	<b>1</b>
5110 newsprint	13	-----	-----	-----	13	-----	-----	1
5120 paper & paperboard	7	-----	0	1	6	-----	-----	0
5190 paper products nec	0	-----	0	0	0	-----	0	-----
<b>Subtotal lime, cement and glass</b>	<b>454</b>	-----	<b>1</b>	<b>2</b>	<b>0</b>	-----	<b>404</b>	<b>47</b>
5220 cement & concrete	451	-----	-----	-----	-----	-----	404	47
5240 glass & glass prod.	0	-----	0	0	-----	-----	-----	-----
5290 misc. mineral prod.	3	-----	1	2	0	-----	0	0
<b>Subtotal primary iron and steel products</b>	<b>2,966</b>	-----	<b>2,915</b>	<b>0</b>	<b>1</b>	-----	<b>49</b>	<b>0</b>
5312 pig iron	117	-----	69	-----	-----	-----	48	-----
5315 ferro alloys	5	-----	5	-----	-----	-----	-----	-----
5320 i&s primary forms	1,078	-----	1,078	-----	-----	-----	-----	-----
5330 i&s plates & sheets	1,641	-----	1,640	0	-----	-----	1	0
5360 i&s bars & shapes	103	-----	103	0	0	-----	-----	-----
5370 i&s pipe & tube	16	-----	15	-----	0	-----	-----	0
5390 primary i&s nec	5	-----	5	0	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>101</b>	-----	<b>68</b>	<b>0</b>	<b>33</b>	-----	<b>0</b>	<b>1</b>
5421 copper	2	-----	2	0	-----	-----	-----	-----
5422 aluminum	76	-----	44	0	32	-----	-----	-----
5429 smelted prod. nec	19	-----	19	-----	-----	-----	0	-----
5480 fab. metal products	4	-----	3	0	0	-----	0	1
<b>Subtotal primary wood products</b>	<b>30</b>	-----	<b>0</b>	-----	<b>12</b>	-----	-----	<b>18</b>
5540 primary wood prod.	30	-----	0	-----	12	-----	-----	18

ST. CLAIR RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through Upbound Downbnd		Imports	Exports	Through Upbound Downbnd	
<b>Total food and farm products</b>	<b>3,612</b>	<b>1</b>	<b>0</b>	<b>1,958</b>	<b>0</b>	<b>7</b>	<b>36</b>	<b>1,609</b>
<b>Subtotal fish</b>	<b>0</b>	-----	-----	<b>0</b>	-----	-----	<b>0</b>	-----
6136 shellfish	0	-----	-----	0	-----	-----	0	-----
<b>Subtotal grain</b>	<b>2,970</b>	-----	-----	<b>1,441</b>	-----	-----	<b>35</b>	<b>1,493</b>
6241 wheat	1,463	-----	-----	755	-----	-----	-----	708
6344 corn	72	-----	-----	35	-----	-----	-----	37
6443 barley & rye	1,220	-----	-----	651	-----	-----	-----	569
6445 oats	215	-----	-----	-----	-----	-----	35	179
<b>Subtotal oilseeds</b>	<b>542</b>	-----	-----	<b>458</b>	-----	-----	-----	<b>84</b>
6522 soybeans	388	-----	-----	304	-----	-----	-----	84
6590 oilseeds nec	154	-----	-----	154	-----	-----	-----	-----
<b>Subtotal vegetable products</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	-----	-----	-----
6653 vegetable oils	0	-----	0	-----	-----	-----	-----	-----
6654 vegetables & prod.	2	0	0	2	0	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>32</b>	-----	<b>0</b>	<b>7</b>	-----	<b>7</b>	<b>0</b>	<b>18</b>
6747 grain mill products	0	-----	0	0	-----	-----	0	0
6781 hay & fodder	18	-----	-----	-----	-----	-----	-----	18
6782 animal feed, prep.	14	-----	0	7	-----	7	-----	-----
<b>Subtotal other agricultural products</b>	<b>66</b>	<b>1</b>	<b>0</b>	<b>50</b>	<b>0</b>	-----	<b>1</b>	<b>14</b>
6811 meat, fresh, frozen	3	-----	-----	2	-----	-----	1	-----
6817 meat, prepared	0	-----	0	-----	-----	-----	-----	-----
6822 dairy products	0	-----	-----	0	-----	-----	-----	-----
6838 tallow, animal oils	33	-----	-----	33	-----	-----	-----	-----
6839 animals & prod. nec	0	-----	-----	0	-----	-----	-----	-----
6857 fruit & nuts nec	2	1	-----	0	0	-----	-----	0
6858 fruit juices	1	-----	-----	1	-----	-----	0	0
6871 coffee	0	-----	-----	0	-----	-----	-----	-----
6885 alcoholic beverages	1	-----	0	1	-----	-----	0	0
6888 water & ice	0	-----	-----	-----	-----	-----	0	-----
6889 food products nec	3	-----	0	1	-----	-----	0	2
6891 tobacco & products	0	-----	-----	0	-----	-----	-----	-----
6893 cotton	1	-----	-----	1	-----	-----	-----	-----
6894 natural fibers nec	0	-----	0	-----	-----	-----	-----	-----
6899 farm products nec	22	-----	0	11	-----	-----	-----	12
<b>Total all manufactured equipment, machinery and products</b>	<b>401</b>	<b>0</b>	<b>23</b>	<b>11</b>	<b>280</b>	<b>1</b>	<b>1</b>	<b>85</b>
7110 machinery (not elec)	31	0	20	7	2	1	1	0
7120 electrical machinery	2	0	1	0	1	-----	0	0
7210 vehicles & parts	301	-----	1	2	218	-----	0	81
7220 aircraft & parts	0	-----	0	0	-----	-----	-----	-----
7230 ships & boats	0	-----	-----	0	0	-----	-----	-----
7300 ordnance & access.	0	-----	0	0	-----	-----	-----	-----
7400 manufac. wood prod.	0	-----	0	0	-----	-----	0	0
7500 textile products	3	-----	0	0	0	-----	-----	3
7600 rubber & plastic pr.	60	-----	0	1	58	-----	0	0
7900 manufac. prod. nec	4	-----	1	0	1	0	0	1



ST. CLAIR RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign			Canadian			
		Exports	Through		Imports	Exports	Through	
			Upbound	Downbnd			Upbound	Downbnd
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	-----	<b>0</b>	<b>0</b>	<b>1</b>	-----	<b>0</b>	<b>0</b>
9900 unknown or nec	1	-----	0	0	1	-----	0	0
<b>Ton-miles (x1000) Foreign &amp; Canadian</b>	<b>804,732</b>	<b>47</b>	<b>121,483</b>	<b>82,431</b>	<b>2,957</b>	<b>2,344</b>	<b>257,144</b>	<b>338,325</b>

Commodity	Total	Lakewise		
		Receipts	Through	
			Upbound	Downbnd
<b>Total, all commodities</b>	<b>54,299</b>	<b>10,746</b>	<b>5,830</b>	<b>37,723</b>
<b>Total coal</b>	<b>15,865</b>	<b>9,149</b>	<b>5,226</b>	<b>1,490</b>
1100 coal lignite	15,841	9,149	5,202	1,490
1200 coal coke	24	-----	24	-----
<b>Total petroleum and petroleum products</b>	<b>434</b>	<b>45</b>	<b>34</b>	<b>355</b>
<b>Subtotal petroleum products</b>	<b>434</b>	<b>45</b>	<b>34</b>	<b>355</b>
2211 gasoline	16	-----	16	-----
2330 distillate fuel oil	42	-----	-----	-----
2340 residual fuel oil	21	3	18	-----
2430 asphalt, tar & pitch	355	-----	-----	355
<b>Total crude materials, inedible except fuels</b>	<b>36,732</b>	<b>1,552</b>	<b>570</b>	<b>34,610</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>9,767</b>	<b>1,520</b>	<b>17</b>	<b>8,229</b>
4322 limestone	8,822	1,520	-----	7,302
4323 gypsum	729	-----	-----	729
4331 sand & gravel	215	-----	17	198
<b>Subtotal iron ore and scrap</b>	<b>26,350</b>	-----	<b>26</b>	<b>26,324</b>
4410 iron ore	26,322	-----	26	26,296
4420 iron & steel scrap	28	-----	-----	28
<b>Subtotal sulphur, clay and salt</b>	<b>35</b>	-----	-----	<b>35</b>
4782 clay & refrac. mat.	35	-----	-----	35
<b>Subtotal slag</b>	<b>164</b>	-----	<b>143</b>	<b>21</b>
4860 slag	164	-----	143	21
<b>Subtotal other non-metal. min.</b>	<b>416</b>	<b>32</b>	<b>385</b>	-----
4900 non-metal. min. nec	416	32	385	-----
<b>Total primary manufactured goods</b>	<b>796</b>	-----	-----	<b>796</b>
<b>Subtotal lime, cement and glass</b>	<b>796</b>	-----	-----	<b>796</b>
5220 cement & concrete	796	-----	-----	796

ST. CLAIR RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Lakewise		
		Receipts	Through Upbound Downbnd	
<b>Total food and farm products</b>	<b>473</b>	-----	-----	<b>473</b>
<b>Subtotal grain</b>	<b>473</b>	-----	-----	<b>473</b>
6241 wheat	473	-----	-----	473
<b>Ton-miles (x1000)</b>	<b>1,886,267</b>		<b>227,369</b>	
<b>Lakewise</b>		<b>187,693</b>		<b>1,471,206</b>

**Tons All Traffic (x1000)** 75,531  
**Ton-miles All Traffic (x1000)** 2,691,016

PORT HURON, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of the St. Clair River from mouth of river to Grand Trunk Western Railroad Bridge and both banks of the Black River up to Washington Avenue in Port Huron, MI. Controlling Depths: from Lake St. Clair to Stag Island, 27.1 feet. In the Stag Island to Port Huron channel and the foot of Lake Huron channel, 27.3 feet and 30 feet respectively. In the Black River, 17 feet, for a width of 70 feet, from the mouth to 1,700 feet upstream of the Grand Trunk Western Railroad Bridge, and 15 feet for a width of 50 feet through the settling basin to Washington Avenue. Project Depths: In the St. Clair River, slopes from 30 feet at head to 27.5 feet at Grand Trunk Western Railroad Bridge. In the Black River, 20 feet from the mouth to the upper end of the settling basin, about 2,300 feet upstream from the Grand Trunk Western Railroad Bridge.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	325	1990	1,429
1986	519	1991	1,609
1987	539	1992	1,652
1988	955	1993	1,687
1989	1,034	1994	839

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic
		Exports	Imports	Exports	Lakewise Receipts
<b>Total, all commodities</b>	<b>839</b>	<b>1</b>	<b>461</b>	<b>29</b>	<b>348</b>
<b>Total coal</b>	<b>0</b>	-----	<b>0</b>	-----	-----
1100 coal lignite	0	-----	0	-----	-----
<b>Total petroleum and petroleum products</b>	<b>64</b>	-----	<b>36</b>	<b>28</b>	-----
<b>Subtotal petroleum products</b>	<b>64</b>	-----	<b>36</b>	<b>28</b>	-----
2211 gasoline	11	-----	-----	11	-----
2221 kerosene	17	-----	-----	17	-----
2330 distillate fuel oil	7	-----	7	-----	-----
2340 residual fuel oil	25	-----	25	-----	-----
2430 asphalt, tar & pitch	4	-----	4	-----	-----

PORT HURON, MI (INCLUDED IN ST. CLAIR RIVER)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic
		Exports	Imports	Exports	Lakewise Receipts
<b>Total chemicals and related products</b>	<b>143</b>	-----	<b>143</b>	<b>0</b>	-----
<b>Subtotal fertilizers</b>	<b>28</b>	-----	<b>28</b>	-----	-----
3110 nitrogenous fert.	28	-----	28	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>116</b>	-----	<b>115</b>	<b>0</b>	-----
3211 acyclic hydrocarbons	3	-----	3	-----	-----
3219 other hydrocarbons	28	-----	28	-----	-----
3240 nitrogen func. comp.	21	-----	21	-----	-----
3250 organo- inorgan. comp	0	-----	0	0	-----
3260 organic comp. nec	3	-----	3	-----	-----
3273 ammonia	5	-----	5	-----	-----
3274 sodium hydroxide	0	-----	0	-----	-----
3275 inorg. elem., oxides, & halogen salts	5	-----	5	-----	-----
3276 metallic salts	1	-----	0	0	-----
3279 inorganic chem. nec	0	-----	0	-----	-----
3286 plastics	49	-----	49	-----	-----
3292 starches, gluten, glue	0	-----	0	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>385</b>	-----	<b>37</b>	-----	<b>348</b>
<b>Subtotal forest products, wood and chips</b>	<b>25</b>	-----	<b>25</b>	-----	-----
4170 wood in the rough	0	-----	0	-----	-----
4189 lumber	25	-----	25	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>360</b>	-----	<b>12</b>	-----	<b>348</b>
4322 limestone	348	-----	-----	-----	348
4331 sand & gravel	12	-----	12	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>0</b>	-----	<b>0</b>	-----	-----
4420 iron & steel scrap	0	-----	0	-----	-----
<b>Total primary manufactured goods</b>	<b>61</b>	-----	<b>61</b>	-----	-----
<b>Subtotal paper products</b>	<b>16</b>	-----	<b>16</b>	-----	-----
5110 newsprint	10	-----	10	-----	-----
5120 paper & paperboard	6	-----	6	-----	-----
5190 paper products nec	0	-----	0	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>0</b>	-----	<b>0</b>	-----	-----
5290 misc. mineral prod.	0	-----	0	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>1</b>	-----	<b>1</b>	-----	-----
5360 i&s bars & shapes	0	-----	0	-----	-----
5370 i&s pipe & tube	0	-----	0	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>33</b>	-----	<b>33</b>	-----	-----
5422 aluminum	32	-----	32	-----	-----
5480 fab. metal products	0	-----	0	-----	-----
<b>Subtotal primary wood products</b>	<b>12</b>	-----	<b>12</b>	-----	-----
5540 primary wood prod.	12	-----	12	-----	-----
<b>Total food and farm products</b>	<b>1</b>	<b>1</b>	<b>0</b>	-----	-----
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----
6654 vegetables & prod.	0	0	0	-----	-----
<b>Subtotal other agricultural products</b>	<b>1</b>	<b>1</b>	<b>0</b>	-----	-----
6857 fruit & nuts nec	1	1	0	-----	-----

PORT HURON, MI (INCLUDED IN ST. CLAIR RIVER)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic
		Exports	Imports	Exports	Lakewise Receipts
<b>Total all manufactured equipment, machinery and products</b>	<b>183</b>	<b>0</b>	<b>182</b>	<b>1</b>	-----
7110 machinery (not elec)	3	0	2	1	-----
7120 electrical machinery	1	0	1	-----	-----
7210 vehicles & parts	126	-----	126	-----	-----
7230 ships & boats	0	-----	0	-----	-----
7500 textile products	0	-----	0	-----	-----
7600 rubber & plastic pr.	52	-----	52	-----	-----
7900 manufac. prod. nec	1	-----	1	0	-----
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	-----	<b>1</b>	-----	-----
9900 unknown or nec	1	-----	1	-----	-----

MARYSVILLE, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at Marysville, MI. Controlling Depth: 27.4 feet. Project Depth: at low-water datum; 27.4 feet to and from Lake Huron; 27.1 feet downbound to Lake St. Clair.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	74	1990	615
1986	210	1991	518
1987	440	1992	640
1988	221	1993	736
1989	559	1994	1,175

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic
		Imports	Exports	Lakewise Receipts
<b>Total, all commodities</b>	<b>1,175</b>	<b>182</b>	<b>23</b>	<b>969</b>
<b>Total coal</b>	<b>185</b>	-----	-----	<b>185</b>
1100 coal lignite	185	-----	-----	185
<b>Total petroleum and petroleum products</b>	<b>32</b>	-----	<b>17</b>	<b>16</b>
<b>Subtotal petroleum products</b>	<b>32</b>	-----	<b>17</b>	<b>16</b>
2330 distillate fuel oil	12	-----	-----	12
2340 residual fuel oil	3	-----	-----	3
2350 lube oil & greases	2	-----	2	-----
2430 asphalt, tar & pitch	14	-----	14	-----

MARYSVILLE, MI (INCLUDED IN ST. CLAIR RIVER)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Canadian		Domestic
		Imports	Exports	Lakewise Receipts
<b>Total chemicals and related products</b>	<b>2</b>	<b>2</b>	-----	-----
<b>Subtotal fertilizers</b>	<b>2</b>	<b>2</b>	-----	-----
3110 nitrogenous fert.	2	2	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>848</b>	<b>80</b>	-----	<b>768</b>
<b>Subtotal forest products, wood and chips</b>	<b>3</b>	<b>3</b>	-----	-----
4189 lumber	3	3	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>797</b>	<b>59</b>	-----	<b>739</b>
4322 limestone	739	-----	-----	739
4331 sand & gravel	59	59	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>48</b>	<b>19</b>	-----	<b>30</b>
4900 non-metal. min. nec	48	19	-----	30
<b>Total primary manufactured goods</b>	<b>2</b>	<b>2</b>	-----	-----
<b>Subtotal paper products</b>	<b>2</b>	<b>2</b>	-----	-----
5110 newsprint	2	2	-----	-----
<b>Total food and farm products</b>	<b>7</b>	-----	<b>7</b>	-----
<b>Subtotal processed grain and animal feed</b>	<b>7</b>	-----	<b>7</b>	-----
6782 animal feed, prep.	7	-----	7	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>98</b>	<b>98</b>	-----	-----
7120 electrical machinery	0	0	-----	-----
7210 vehicles & parts	92	92	-----	-----
7600 rubber & plastic pr.	6	6	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	-----	-----
9900 unknown or nec	0	0	-----	-----

## ST. CLAIR, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at St. Clair, MI. Controlling Depth: 27.3 feet. Project Depth: 27.3 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	6,177	1990	4,889
1986	8,608	1991	4,778
1987	8,450	1992	4,666
1988	8,212	1993	5,039
1989	5,756	1994	5,887

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic
		Imports	Exports	Lakewise Receipts
<b>Total, all commodities</b>	<b>5,887</b>	<b>17</b>	<b>21</b>	<b>5,849</b>
<b>Total coal</b>	<b>5,819</b>	-----	-----	<b>5,819</b>
1100 coal lignite	5,819	-----	-----	5,819
<b>Total petroleum and petroleum products</b>	<b>50</b>	-----	<b>21</b>	<b>29</b>
<b>Subtotal petroleum products</b>	<b>50</b>	-----	<b>21</b>	<b>29</b>
2330 distillate fuel oil	50	-----	21	29
<b>Total crude materials, inedible except fuels</b>	<b>17</b>	<b>17</b>	-----	-----
<b>Subtotal forest products, wood and chips</b>	<b>1</b>	<b>1</b>	-----	-----
4189 lumber	1	1	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>16</b>	<b>16</b>	-----	-----
4331 sand & gravel	16	16	-----	-----

## MARINE CITY, MI (INCLUDED IN ST. CLAIR RIVER)

Section Included: West bank of St. Clair River at Marine City, MI, 25.3 miles upbound to Lake Huron; 19.2 miles downbound to Lake St. Clair, MI. Controlling Depth: 27 feet. Project Depth(at low water datum): 27.3 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	271	1990	4,497
1986	382	1991	3,896
1987	419	1992	3,174
1988	383	1993	3,454
1989	328	1994	3,572

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Receipts
<b>Total, all commodities</b>	<b>3,572</b>	<b>3,572</b>
<b>Total coal</b>	<b>3,144</b>	<b>3,144</b>
1100 coal lignite	3,144	3,144
<b>Total crude materials, inedible except fuels</b>	<b>428</b>	<b>428</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>426</b>	<b>426</b>
4322 limestone	426	426
<b>Subtotal other non-metal. min.</b>	<b>2</b>	<b>2</b>
4900 non-metal. min. nec	2	2

## CHANNELS IN LAKE ST. CLAIR

Section Included: Improved ship channels connecting St. Clair River and Detroit River across Lake St. Clair, entrance channels to mouth of Clinton River and the Canadian channel to the mouth of the Thames River.  
Controlling Depths: 27.0 feet in the main channel with 8 feet in channel to Clinton River. Project Depths: 27.5 feet in main channel and 8 feet in Clinton River channel.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	62,890	1990	64,034
1986	55,629	1991	54,232
1987	58,521	1992	58,131
1988	66,198	1993	56,982
1989	69,851	1994	63,963

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	
<b>Total, all commodities</b>	<b>63,963</b>	<b>3,115</b>	<b>2,115</b>	<b>6,144</b>	<b>7,965</b>	<b>44,624</b>	<b>6,901</b>	<b>37,723</b>
<b>Total coal</b>	<b>10,651</b>	-----	<b>23</b>	<b>2,942</b>	<b>364</b>	<b>7,322</b>	<b>5,833</b>	<b>1,490</b>
1100 coal lignite	10,523	-----	3	2,932	289	7,299	5,809	1,490
1200 coal coke	128	-----	20	9	75	24	24	-----
<b>Total petroleum and petroleum products</b>	<b>760</b>	-----	<b>46</b>	<b>3</b>	<b>277</b>	<b>434</b>	<b>79</b>	<b>355</b>
<b>Subtotal crude petroleum</b>	<b>61</b>	-----	-----	-----	<b>61</b>	-----	-----	-----
2100 crude petroleum	61	-----	-----	-----	61	-----	-----	-----
<b>Subtotal petroleum products</b>	<b>699</b>	-----	<b>46</b>	<b>3</b>	<b>216</b>	<b>434</b>	<b>79</b>	<b>355</b>
2211 gasoline	16	-----	-----	-----	-----	16	16	-----
2330 distillate fuel oil	62	-----	-----	-----	21	42	42	-----
2340 residual fuel oil	97	-----	-----	1	74	21	21	-----
2350 lube oil & greases	21	-----	0	-----	21	-----	-----	-----
2429 naphtha & solvents	2	-----	-----	2	0	-----	-----	-----
2430 asphalt, tar & pitch	355	-----	-----	-----	-----	355	-----	355
2540 petroleum coke	146	-----	46	-----	100	-----	-----	-----
<b>Total chemicals and related products</b>	<b>359</b>	<b>18</b>	<b>8</b>	<b>121</b>	<b>211</b>	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>163</b>	<b>0</b>	-----	-----	<b>163</b>	-----	-----	-----
3110 nitrogenous fert.	3	0	-----	-----	3	-----	-----	-----
3130 potassic fert.	160	-----	-----	-----	160	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>196</b>	<b>18</b>	<b>8</b>	<b>121</b>	<b>49</b>	-----	-----	-----
3212 benzene & toluene	6	-----	-----	-----	6	-----	-----	-----
3219 other hydrocarbons	22	6	0	-----	16	-----	-----	-----
3220 alcohols	29	0	0	1	27	-----	-----	-----
3230 carboxylic acids	1	-----	1	-----	-----	-----	-----	-----
3240 nitrogen func. comp.	0	-----	0	-----	0	-----	-----	-----



CHANNELS IN LAKE ST. CLAIR  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Through		Through		Total	Lakewise	
		Upbound	Downbnd	Upbound	Downbnd		Through	
							Upbound	Downbnd
3250 organo- inorgan. comp	0	-----	0	-----	-----	-----	-----	-----
3260 organic comp. nec	13	0	0	13	-----	-----	-----	-----
3274 sodium hydroxide	109	-----	1	107	-----	-----	-----	-----
3275 inorg. elem., oxides, & halogen salts	11	9	2	-----	-----	-----	-----	-----
3276 metallic salts	0	0	0	-----	-----	-----	-----	-----
3281 radioactive material	0	0	-----	-----	-----	-----	-----	-----
3282 pigments & paints	2	2	0	-----	0	-----	-----	-----
3283 coloring mat. nec	0	0	0	-----	-----	-----	-----	-----
3284 medicines	1	0	1	-----	-----	-----	-----	-----
3285 perfumes & cleansers	0	0	0	-----	0	-----	-----	-----
3286 plastics	1	0	1	0	0	-----	-----	-----
3291 pesticides	0	-----	0	-----	-----	-----	-----	-----
3292 starches, gluten, glue	1	1	0	-----	-----	-----	-----	-----
3297 chemical additives	0	-----	0	0	-----	-----	-----	-----
3299 chem. products nec	0	0	0	-----	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>43,691</b>	<b>89</b>	<b>64</b>	<b>2,586</b>	<b>5,352</b>	<b>35,599</b>	<b>989</b>	<b>34,610</b>
<b>Subtotal forest products, wood and chips</b>	<b>13</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>12</b>	-----	-----	-----
4189 lumber	13	-----	1	0	12	-----	-----	-----
4190 forest products nec	0	0	-----	-----	0	-----	-----	-----
<b>Subtotal pulp and waste paper</b>	<b>30</b>	<b>8</b>	<b>21</b>	-----	-----	-----	-----	-----
4225 pulp & waste paper	30	8	21	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>10,310</b>	<b>0</b>	<b>0</b>	<b>58</b>	<b>1,617</b>	<b>8,634</b>	<b>405</b>	<b>8,229</b>
4310 building stone	0	0	-----	-----	-----	-----	-----	-----
4322 limestone	9,064	-----	-----	58	1,316	7,690	388	7,302
4323 gypsum	729	-----	-----	-----	-----	729	-----	729
4331 sand & gravel	516	-----	0	-----	301	215	17	198
<b>Subtotal Iron ore and scrap</b>	<b>31,859</b>	<b>30</b>	-----	<b>2,157</b>	<b>3,323</b>	<b>26,350</b>	<b>26</b>	<b>26,324</b>
4410 iron ore	31,819	29	-----	2,157	3,311	26,322	26	26,296
4420 iron & steel scrap	40	1	-----	-----	12	28	-----	28
<b>Subtotal non-ferrous ores and scrap</b>	<b>26</b>	<b>25</b>	<b>0</b>	-----	<b>0</b>	-----	-----	-----
4630 copper ore	24	24	-----	-----	-----	-----	-----	-----
4650 aluminum ore	0	0	-----	-----	-----	-----	-----	-----
4680 non-ferrous scrap	1	1	0	-----	-----	-----	-----	-----
4690 non-ferrous ores nec	0	-----	0	-----	0	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>55</b>	<b>6</b>	<b>14</b>	-----	-----	<b>35</b>	-----	<b>35</b>
4782 clay & refrac. mat.	55	6	14	-----	-----	35	-----	35
<b>Subtotal slag</b>	<b>164</b>	-----	-----	-----	-----	<b>164</b>	<b>143</b>	<b>21</b>
4860 slag	164	-----	-----	-----	-----	164	143	21
<b>Subtotal other non-metal. min.</b>	<b>1,234</b>	<b>19</b>	<b>27</b>	<b>371</b>	<b>400</b>	<b>416</b>	<b>416</b>	-----
4900 non-metal. min. nec	1,234	19	27	371	400	416	416	-----

**CHANNELS IN LAKE ST. CLAIR**  
**Freight Traffic, 1994 - continued**  
 (thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic	
		Through		Through		Total	Lakewise
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total primary manufactured goods</b>	<b>4,303</b>	<b>2,984</b>	<b>4</b>	<b>453</b>	<b>66</b>	<b>796</b>	<b>796</b>
<b>Subtotal paper products</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>		
5110 newsprint	1				1		
5120 paper & paperboard	1	0	1		0		
5190 paper products nec	0	0	0	0			
<b>Subtotal lime, cement and glass</b>	<b>1,250</b>	<b>1</b>	<b>2</b>	<b>404</b>	<b>47</b>	<b>796</b>	<b>796</b>
5220 cement & concrete	1,246			404	47	796	796
5240 glass & glass prod.	0	0	0				
5290 misc. mineral prod.	3	1	2	0	0		
<b>Subtotal primary iron and steel products</b>	<b>2,965</b>	<b>2,915</b>	<b>0</b>	<b>49</b>	<b>0</b>		
5312 pig iron	117	69		48			
5315 ferro alloys	5	5					
5320 i&s primary forms	1,078	1,078					
5330 i&s plates & sheets	1,641	1,640	0	1	0		
5360 i&s bars & shapes	103	103	0				
5370 i&s pipe & tube	16	15			0		
5390 primary i&s nec	5	5	0				
<b>Subtotal primary non-ferrous metal products</b>	<b>68</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>1</b>		
5421 copper	2	2	0				
5422 aluminum	44	44	0				
5429 smelted prod. nec	19	19		0			
5480 fab. metal products	4	3	0	0	1		
<b>Subtotal primary wood products</b>	<b>18</b>	<b>0</b>			<b>18</b>		
5540 primary wood prod.	18	0			18		
<b>Total food and farm products</b>	<b>4,079</b>	<b>1</b>	<b>1,959</b>	<b>36</b>	<b>1,609</b>	<b>473</b>	<b>473</b>
<b>Subtotal fish</b>	<b>0</b>		<b>0</b>	<b>0</b>			
6136 shellfish	0		0	0			
<b>Subtotal grain</b>	<b>3,443</b>		<b>1,441</b>	<b>35</b>	<b>1,493</b>	<b>473</b>	<b>473</b>
6241 wheat	1,937		755		708	473	473
6344 corn	72		35		37		
6443 barley & rye	1,220		651		569		
6445 oats	215			35	179		
<b>Subtotal oilseeds</b>	<b>542</b>		<b>458</b>		<b>84</b>		
6522 soybeans	388		304		84		
6590 oilseeds nec	154		154				
<b>Subtotal vegetable products</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>			
6653 vegetable oils	0	0					
6654 vegetables & prod.	2	0	2	0			
<b>Subtotal processed grain and animal feed</b>	<b>25</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>18</b>		
6747 grain mill products	0	0	0	0	0		
6781 hay & fodder	18				18		
6782 animal feed, prep.	7	0	7				

**CHANNELS IN LAKE ST. CLAIR**  
**Freight Traffic, 1994 - continued**  
**(thousand tons)**

Commodity	Grand Total	Foreign Through		Canadian Through		Domestic Total		Lakewise Through	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal other</b>	<b>66</b>	<b>0</b>	<b>51</b>	<b>1</b>	<b>14</b>				
<b>agricultural products</b>									
6811 meat, fresh, frozen	3		2	1					
6817 meat, prepared	0	0							
6822 dairy products	0		0						
6838 tallow, animal oils	33		33						
6839 animals & prod. nec	0		0						
6857 fruit & nuts nec	2		1		0				
6858 fruit juices	1		1	0	0				
6871 coffee	0		0						
6885 alcoholic beverages	1	0	1	0	0				
6888 water & ice	0			0					
6889 food products nec	3	0	1	0	2				
6891 tobacco & products	0		0						
6893 cotton	1		1						
6894 natural fibers nec	0	0							
6899 farm products nec	22	0	11		12				
<b>Total all manufactured</b>	<b>121</b>	<b>23</b>	<b>11</b>	<b>2</b>	<b>85</b>				
<b>equipment, machinery and</b>									
<b>products</b>									
7110 machinery (not elec)	28	20	7	1	0				
7120 electrical machinery	1	1	0	0	0				
7210 vehicles & parts	85	1	2	1	81				
7220 aircraft & parts	0	0	0						
7230 ships & boats	0	0	0						
7300 ordnance & access.	0	0	0						
7400 manufac. wood prod.	0	0	0	0	0				
7500 textile products	3	0	0		3				
7600 rubber & plastic pr.	1	0	1	0	0				
7900 manufac. prod. nec	2	1	0	0	1				
<b>Total unknown or not</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
<b>elsewhere classified</b>									
9900 unknown or nec	0	0	0	0	0				
<b>Ton-miles (x1000)</b>	<b>1,151,342</b>	<b>56,078</b>	<b>38,068</b>	<b>110,599</b>	<b>143,367</b>	<b>803,231</b>	<b>124,213</b>	<b>679,018</b>	
<b>Tons All Traffic (x1000)</b>		<b>63,963</b>							
<b>Ton-miles All Traffic (x1000)</b>		<b>1,151,342</b>							

## DETROIT RIVER, MI

Section Included: Entire length of Detroit River and Rouge River to head of project. Controlling Depths: 25 to 28.5 feet and 21 to 25 feet. Respectively with (5 feet of shoaling along the channel limits of the lower Livingstone and east outer channel) and with project depth in the regularly traveled shipping lanes.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	69,404	1990	69,635
1986	61,733	1991	57,894
1987	62,689	1992	63,134
1988	71,502	1993	62,662
1989	75,662	1994	72,027

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign				Canadian			
		Imports	Exports	Through		Imports	Exports	Through	
				Upbound	Downbnd			Upbound	Downbnd
<b>Total, all commodities</b>	<b>24,835</b>	<b>1,443</b>	<b>86</b>	<b>3,115</b>	<b>2,115</b>	<b>4,051</b>	<b>434</b>	<b>6,317</b>	<b>7,274</b>
<b>Total coal</b>	<b>3,382</b>	-----	<b>19</b>	-----	<b>23</b>	<b>334</b>	<b>35</b>	<b>2,942</b>	<b>30</b>
1100 coal lignite	3,225	-----	0	-----	3	259	-----	2,932	30
1200 coal coke	157	-----	18	-----	20	75	35	9	-----
<b>Total petroleum and petroleum products</b>	<b>576</b>	-----	<b>0</b>	-----	<b>46</b>	<b>34</b>	<b>251</b>	<b>2</b>	<b>243</b>
<b>Subtotal crude petroleum</b>	<b>61</b>	-----	-----	-----	-----	-----	-----	-----	<b>61</b>
2100 crude petroleum	61	-----	-----	-----	-----	-----	-----	-----	61
<b>Subtotal petroleum products</b>	<b>515</b>	-----	<b>0</b>	-----	<b>46</b>	<b>34</b>	<b>251</b>	<b>2</b>	<b>182</b>
2330 distillate fuel oil	62	-----	-----	-----	-----	11	42	-----	10
2340 residual fuel oil	95	-----	-----	-----	-----	20	21	-----	55
2350 lube oil & greases	21	-----	-----	-----	0	4	-----	-----	17
2410 petro. jelly & waxes	0	-----	0	-----	-----	-----	-----	-----	-----
2429 naphtha & solvents	2	-----	-----	-----	-----	0	-----	2	-----
2430 asphalt, tar & pitch	18	-----	-----	-----	-----	-----	18	-----	-----
2540 petroleum coke	317	-----	0	-----	46	-----	171	-----	100

DETROIT RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign				Canadian			
		Imports	Exports	Through		Imports	Exports	Through	
				Upbound	Downbnd			Upbound	Downbnd
<b>Total chemicals and related products</b>	<b>494</b>	<b>4</b>	<b>5</b>	<b>18</b>	<b>8</b>	<b>7</b>	<b>23</b>	<b>121</b>	<b>307</b>
<b>Subtotal fertilizers</b>	<b>180</b>	-----	-----	<b>0</b>	-----	<b>6</b>	-----	-----	<b>173</b>
3110 nitrogenous fert.	3	-----	-----	0	-----	3	-----	-----	-----
3130 potassic fert.	177	-----	-----	-----	-----	4	-----	-----	173
<b>Subtotal other chemicals and related products</b>	<b>314</b>	<b>4</b>	<b>5</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>23</b>	<b>121</b>	<b>134</b>
3212 benzene & toluene	6	-----	-----	-----	-----	0	-----	-----	6
3219 other hydrocarbons	22	0	0	6	0	-----	-----	-----	16
3220 alcohols	29	0	-----	0	0	-----	-----	1	27
3230 carboxylic acids	1	1	0	-----	1	-----	-----	-----	-----
3240 nitrogen func. comp.	1	0	0	-----	0	0	0	-----	-----
3250 organo-inorgan. comp	0	0	0	-----	0	-----	-----	-----	0
3260 organic comp. nec	24	0	0	0	0	-----	11	13	-----
3274 sodium hydroxide	120	-----	-----	-----	1	-----	11	107	-----
3275 inorg. elem., oxides, & halogen salts	11	0	0	9	2	0	-----	-----	-----
3276 metallic salts	61	0	0	0	0	0	-----	-----	61
3279 inorganic chem. nec	0	0	0	-----	-----	0	-----	-----	-----
3281 radioactive material	0	0	-----	0	-----	-----	-----	-----	-----
3282 pigments & paints	3	0	0	2	0	0	-----	-----	0
3283 coloring mat. nec	0	0	0	0	0	-----	-----	-----	-----
3284 medicines	1	0	0	0	1	-----	-----	-----	-----
3285 perfumes & cleansers	3	0	3	0	0	0	-----	-----	0
3286 plastics	5	2	1	0	1	0	-----	0	0
3291 pesticides	0	-----	0	-----	0	-----	-----	-----	-----
3292 starches, gluten, glue	26	0	0	1	0	0	0	-----	24
3293 explosives	0	0	-----	-----	-----	-----	-----	-----	-----
3297 chemical additives	0	0	0	-----	0	-----	-----	0	-----
3298 wood & resin chem.	0	-----	-----	-----	-----	-----	0	-----	-----
3299 chem. products nec	0	0	0	0	0	0	-----	-----	0

DETROIT RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign				Canadian			
		Imports	Exports	Through		Imports	Exports	Through	
				Upbound	Downbnd			Upbound	Downbnd
<b>Total crude materials, inedible except fuels</b>	<b>10,764</b>	<b>85</b>	<b>40</b>	<b>89</b>	<b>64</b>	<b>2,683</b>	<b>77</b>	<b>2,760</b>	<b>4,965</b>
<b>Subtotal forest products, wood and chips</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>11</b>	<b>-----</b>	<b>0</b>	<b>1</b>
4170 wood in the rough	0	-----	0	-----	-----	-----	-----	-----	-----
4189 lumber	13	-----	0	-----	1	11	-----	0	1
4190 forest products nec	0	0	-----	0	-----	-----	-----	-----	0
<b>Subtotal pulp and waste paper</b>	<b>30</b>	-----	-----	<b>8</b>	<b>21</b>	-----	-----	-----	-----
4225 pulp & waste paper	30	-----	-----	8	21	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>1,925</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>0</b>	<b>56</b>	<b>45</b>	<b>251</b>	<b>1,572</b>
4310 building stone	0	0	-----	0	-----	-----	-----	-----	-----
4322 limestone	1,553	-----	-----	-----	-----	-----	19	218	1,316
4331 sand & gravel	371	-----	-----	-----	0	56	25	34	256
<b>Subtotal iron ore and scrap</b>	<b>7,580</b>	<b>78</b>	<b>40</b>	<b>30</b>	<b>-----</b>	<b>2,094</b>	<b>20</b>	<b>2,137</b>	<b>3,181</b>
4410 iron ore	7,443	-----	-----	29	-----	2,087	19	2,137	3,170
4420 iron & steel scrap	137	78	40	1	-----	6	0	-----	12
<b>Subtotal non-ferrous ores and scrap</b>	<b>44</b>	<b>0</b>	<b>-----</b>	<b>25</b>	<b>0</b>	<b>18</b>	<b>-----</b>	<b>-----</b>	<b>0</b>
4630 copper ore	24	-----	-----	24	-----	-----	-----	-----	-----
4650 aluminum ore	0	0	-----	0	-----	-----	-----	-----	-----
4680 non-ferrous scrap	2	0	-----	1	0	-----	-----	-----	-----
4690 non-ferrous ores nec	18	-----	-----	-----	0	18	-----	-----	0
<b>Subtotal sulphur, clay and salt</b>	<b>36</b>	<b>7</b>	<b>-----</b>	<b>6</b>	<b>14</b>	<b>0</b>	<b>9</b>	<b>-----</b>	<b>-----</b>
4782 clay & refrac. mat.	36	7	-----	6	14	0	9	-----	-----
<b>Subtotal slag</b>	<b>11</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>9</b>	<b>3</b>	<b>-----</b>	<b>-----</b>
4860 slag	11	-----	-----	-----	-----	9	3	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>1,125</b>	<b>-----</b>	<b>0</b>	<b>19</b>	<b>27</b>	<b>496</b>	<b>1</b>	<b>371</b>	<b>211</b>
4900 non-metal. min. nec	1,125	-----	0	19	27	496	1	371	211

DETROIT RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign				Canadian			
		Imports	Exports	Through		Imports	Exports	Through	
				Upbound	Downbnd			Upbound	Downbnd
<b>Total primary manufactured goods</b>	<b>5,462</b>	<b>1,340</b>	<b>1</b>	<b>2,984</b>	<b>4</b>	<b>645</b>	<b>6</b>	<b>453</b>	<b>28</b>
<b>Subtotal paper products</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>	-----	<b>0</b>	-----
5110 newsprint	3	-----	0	-----	-----	3	-----	-----	-----
5120 paper & paperboard	3	1	1	0	1	0	-----	-----	-----
5190 paper products nec	0	0	0	0	0	0	-----	0	-----
<b>Subtotal lime, cement and glass</b>	<b>1,058</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>620</b>	<b>2</b>	<b>404</b>	<b>27</b>
5220 cement & concrete	1,053	-----	-----	-----	-----	619	2	404	27
5240 glass & glass prod.	0	0	0	0	0	0	-----	-----	-----
5290 misc. mineral prod.	5	1	0	1	2	-----	-----	0	0
<b>Subtotal primary iron and steel products</b>	<b>4,308</b>	<b>1,335</b>	<b>0</b>	<b>2,915</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>49</b>	<b>0</b>
5312 pig iron	117	0	0	69	-----	-----	-----	48	-----
5315 ferro alloys	14	9	-----	5	-----	-----	-----	-----	-----
5320 i&s primary forms	1,283	205	0	1,078	-----	-----	-----	-----	-----
5330 i&s plates & sheets	2,680	1,033	0	1,640	0	4	1	1	0
5360 i&s bars & shapes	183	77	-----	103	0	-----	2	-----	-----
5370 i&s pipe & tube	24	9	0	15	-----	0	-----	-----	-----
5390 primary i&s nec	7	2	-----	5	0	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>72</b>	<b>3</b>	<b>0</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
5421 copper	2	0	-----	2	0	-----	-----	-----	-----
5422 aluminum	44	0	0	44	0	0	-----	-----	-----
5429 smelted prod. nec	21	2	-----	19	-----	0	-----	0	-----
5480 fab. metal products	5	1	0	3	0	0	1	0	1
<b>Subtotal primary wood products</b>	<b>18</b>	<b>0</b>	-----	<b>0</b>	-----	<b>18</b>	-----	-----	<b>0</b>
5540 primary wood prod.	18	0	-----	0	-----	18	-----	-----	0
<b>Total food and farm products</b>	<b>3,739</b>	<b>1</b>	<b>8</b>	<b>1</b>	<b>1,959</b>	<b>12</b>	<b>27</b>	<b>36</b>	<b>1,695</b>
<b>Subtotal fish</b>	<b>0</b>	<b>0</b>	-----	-----	<b>0</b>	-----	-----	<b>0</b>	-----
6134 fish (not shellfish)	0	0	-----	-----	-----	-----	-----	-----	-----
6136 shellfish	0	-----	-----	-----	0	-----	-----	0	-----

DETROIT RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign				Canadian			
		Imports	Exports	Through		Imports	Exports	Through	
				Upbound	Downbnd			Upbound	Downbnd
<b>Subtotal grain</b>	<b>3,094</b>	<b>0</b>			<b>1,441</b>		<b>27</b>	<b>35</b>	<b>1,591</b>
6241 wheat	1,582				755		27		800
6344 corn	72				35				37
6442 rice	0	0							
6443 barley & rye	1,225				651				574
6445 oats	215							35	179
<b>Subtotal oilseeds</b>	<b>542</b>		<b>0</b>		<b>458</b>				<b>84</b>
6522 soybeans	388				304				84
6590 oilseeds nec	154		0		154				
<b>Subtotal vegetable products</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	
6653 vegetable oils	0			0		0			
6654 vegetables & prod.	2	0	0	0	2		0	0	
<b>Subtotal processed grain and animal feed</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>0</b>		<b>0</b>	<b>18</b>
6747 grain mill products	0	0	0	0	0			0	0
6781 hay & fodder	18								18
6782 animal feed, prep.	7	0	0	0	7	0			
<b>Subtotal other agricultural products</b>	<b>75</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>51</b>	<b>12</b>	<b>0</b>	<b>1</b>	<b>2</b>
6811 meat, fresh, frozen	3	0			2			1	
6817 meat, prepared	0			0					
6822 dairy products	0	0			0				
6838 tallow, animal oils	41		8		33		0		
6839 animals & prod. nec	0	0	0		0				
6857 fruit & nuts nec	2		0		1				0
6858 fruit juices	1	0	0		1			0	0
6871 coffee	0				0				
6872 cocoa beans	0	0							
6885 alcoholic beverages	1	0		0	1	0		0	0
6888 water & ice	0							0	
6889 food products nec	3	0	0	0	1	0		0	2
6891 tobacco & products	0				0				
6893 cotton	1		0		1				
6894 natural fibers nec	0			0					
6899 farm products nec	22			0	11	12			



DETROIT RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign				Canadian			
		Imports	Exports	Through		Imports	Exports	Through	
				Upbound	Downbnd			Upbound	Downbnd
<b>Total all manufactured equipment, machinery and products</b>	<b>417</b>	<b>12</b>	<b>12</b>	<b>23</b>	<b>11</b>	<b>335</b>	<b>17</b>	<b>2</b>	<b>4</b>
7110 machinery (not elec)	67	9	7	20	7	14	9	1	0
7120 electrical machinery	4	0	0	1	0	0	2	0	0
7210 vehicles & parts	330	1	4	1	2	321	-----	1	0
7220 aircraft & parts	0	-----	-----	0	0	-----	-----	-----	-----
7230 ships & boats	6	0	-----	0	0	0	6	-----	0
7300 ordnance & access.	0	-----	-----	0	0	-----	-----	-----	-----
7400 manufac. wood prod.	0	0	0	0	0	0	-----	0	0
7500 textile products	4	0	0	0	0	0	-----	0	3
7600 rubber & plastic pr.	2	0	0	0	1	0	-----	0	0
7900 manufac. prod. nec	4	1	1	1	0	0	0	0	1
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>-----</b>	<b>0</b>	<b>0</b>
9900 unknown or nec	1	0	-----	0	0	1	-----	0	0
<b>Ton-miles Foreign &amp; Canadian (x1000)</b>	<b>689,015</b>	<b>31,173</b>	<b>1,895</b>	<b>96,578</b>	<b>65,562</b>	<b>64,069</b>	<b>8,433</b>	<b>195,826</b>	<b>225,479</b>

Commodity	Total	Domestic				
		Lakewise				Internal
		Receipts	Shipments	Through		Intra
				Upbound	Downbnd	Upbound
<b>Total, all commodities</b>	<b>47,192</b>	<b>12,163</b>	<b>371</b>	<b>6,845</b>	<b>27,644</b>	<b>169</b>
<b>Total coal</b>	<b>9,156</b>	<b>1,833</b>	<b>-----</b>	<b>5,833</b>	<b>1,490</b>	<b>-----</b>
1100 coal lignite	9,132	1,833	-----	5,809	1,490	-----
1200 coal coke	24	-----	-----	24	-----	-----

DETROIT RIVER, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Domestic				
		Lakewise				Internal
		Receipts	Shipments	Through		Intra
				Upbound	Downbnd	Upbound
<b>Total petroleum and petroleum products</b>	<b>933</b>	<b>168</b>	<b>366</b>	<b>23</b>	<b>207</b>	<b>169</b>
<b>Subtotal petroleum products</b>	<b>933</b>	<b>168</b>	<b>366</b>	<b>23</b>	<b>207</b>	<b>169</b>
2211 gasoline	19	-----	13	5	-----	-----
2330 distillate fuel oil	61	15	35	10	-----	0
2340 residual fuel oil	114	5	56	8	-----	45
2430 asphalt, tar & pitch	740	148	262	-----	207	124
<b>Total crude materials, inedible except fuels</b>	<b>35,834</b>	<b>9,780</b>	<b>5</b>	<b>989</b>	<b>25,060</b>	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>8,666</b>	<b>2,578</b>	-----	<b>405</b>	<b>5,683</b>	-----
4322 limestone	7,722	2,251	-----	388	5,083	-----
4323 gypsum	729	327	-----	-----	402	-----
4331 sand & gravel	215	-----	-----	17	198	-----
<b>Subtotal iron ore and scrap</b>	<b>26,355</b>	<b>6,982</b>	<b>5</b>	<b>26</b>	<b>19,342</b>	-----
4410 iron ore	26,327	6,982	5	26	19,314	-----
4420 iron & steel scrap	28	-----	-----	-----	28	-----
<b>Subtotal sulphur, clay and salt</b>	<b>35</b>	-----	-----	-----	<b>35</b>	-----
4782 clay & refrac. mat.	35	-----	-----	-----	35	-----
<b>Subtotal slag</b>	<b>164</b>	<b>21</b>	-----	<b>143</b>	-----	-----
4860 slag	164	21	-----	143	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>614</b>	<b>198</b>	-----	<b>416</b>	-----	-----
4900 non-metal. min. nec	614	198	-----	416	-----	-----
<b>Total primary manufactured goods</b>	<b>796</b>	<b>382</b>	-----	-----	<b>414</b>	-----
<b>Subtotal lime, cement and glass</b>	<b>796</b>	<b>382</b>	-----	-----	<b>414</b>	-----
5220 cement & concrete	796	382	-----	-----	414	-----
<b>Total food and farm products</b>	<b>473</b>	-----	-----	-----	<b>473</b>	-----
<b>Subtotal grain</b>	<b>473</b>	-----	-----	-----	<b>473</b>	-----
6241 wheat	473	-----	-----	-----	473	-----
<b>Ton-miles (x1000)</b>	<b>1,237,729</b>		<b>6,969</b>		<b>856,949</b>	
<b>Domestic</b>		<b>161,376</b>		<b>212,194</b>		<b>242</b>
<b>Tons All Traffic (x1000)</b>	<b>72,027</b>					
<b>Ton-miles All Traffic (x1000)</b>	<b>1,926,744</b>					

## DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)

Section Included: U.S. bank of Detroit River from Lake St. Clair to western extreme of Zug Island. Controlling Depth: Channel north of Belle Isle 21 feet, remainder of river 25-28.5 feet. Project Depth: 28.5 feet except channel north of Belle Isle, 21 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	5,041	1990	7,553
1986	5,084	1991	5,526
1987	5,073	1992	7,194
1988	5,677	1993	8,083
1989	9,900	1994	7,501

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Imports	Exports	Imports	Exports	Total	Lakewise	Internal	
						Receipts	Shipments	Receipts	
<b>Total, all commodities</b>	<b>7,501</b>	<b>830</b>	<b>55</b>	<b>1,790</b>	<b>115</b>	<b>4,711</b>	<b>4,661</b>	<b>5</b>	<b>45</b>
<b>Total coal</b>	<b>1,296</b>	-----	<b>14</b>	<b>227</b>	<b>11</b>	<b>1,044</b>	<b>1,044</b>	-----	-----
1100 coal lignite	1,271	-----	0	227	-----	1,044	1,044	-----	-----
1200 coal coke	25	-----	14	-----	11	-----	-----	-----	-----
<b>Total petroleum and petroleum products</b>	<b>114</b>	-----	<b>0</b>	<b>27</b>	<b>38</b>	<b>49</b>	<b>5</b>	-----	<b>45</b>
<b>Subtotal petroleum products</b>	<b>114</b>	-----	<b>0</b>	<b>27</b>	<b>38</b>	<b>49</b>	<b>5</b>	-----	<b>45</b>
2330 distillate fuel oil	8	-----	-----	3	-----	5	5	-----	0
2340 residual fuel oil	73	-----	-----	20	11	43	-----	-----	43
2350 lube oil & greases	4	-----	-----	4	-----	-----	-----	-----	-----
2410 petro. jelly & waxes	0	-----	0	-----	-----	-----	-----	-----	-----
2429 naphtha & solvents	0	-----	-----	0	-----	-----	-----	-----	-----
2430 asphalt, tar & pitch	1	-----	-----	-----	-----	1	-----	-----	1
2540 petroleum coke	27	-----	0	-----	27	-----	-----	-----	-----
<b>Total chemicals and related products</b>	<b>14</b>	<b>4</b>	<b>5</b>	<b>4</b>	<b>0</b>	-----	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>4</b>	-----	-----	<b>4</b>	-----	-----	-----	-----	-----
3130 potassic fert.	4	-----	-----	4	-----	-----	-----	-----	-----

DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise Receipts Shipments	Internal Receipts
<b>Subtotal other chemicals and related products</b>	<b>10</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>0</b>	-----	-----	-----
3212 benzene & toluene	0	-----	-----	0	-----	-----	-----	-----
3219 other hydrocarbons	0	0	0	-----	-----	-----	-----	-----
3220 alcohols	0	0	-----	-----	-----	-----	-----	-----
3230 carboxylic acids	1	1	0	-----	-----	-----	-----	-----
3240 nitrogen func. comp.	1	0	0	0	-----	-----	-----	-----
3250 organo-inorgan. comp	0	0	0	-----	-----	-----	-----	-----
3260 organic comp. nec	0	0	0	-----	-----	-----	-----	-----
3275 inorg. elem., oxides, & halogen salts	0	0	0	0	-----	-----	-----	-----
3276 metallic salts	0	0	0	0	-----	-----	-----	-----
3279 inorganic chem. nec	0	0	0	0	-----	-----	-----	-----
3281 radioactive material	0	0	-----	-----	-----	-----	-----	-----
3282 pigments & paints	1	0	0	0	-----	-----	-----	-----
3283 coloring mat. nec	0	0	0	-----	-----	-----	-----	-----
3284 medicines	0	0	0	-----	-----	-----	-----	-----
3285 perfumes & cleansers	3	0	3	0	-----	-----	-----	-----
3286 plastics	4	2	1	0	-----	-----	-----	-----
3291 pesticides	0	-----	0	-----	-----	-----	-----	-----
3292 starches, gluten, glue	0	0	0	0	0	-----	-----	-----
3293 explosives	0	0	-----	-----	-----	-----	-----	-----
3297 chemical additives	0	0	0	-----	-----	-----	-----	-----
3298 wood & resin chem.	0	-----	-----	-----	0	-----	-----	-----
3299 chem. products nec	0	0	0	0	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>4,350</b>	<b>2</b>	<b>20</b>	<b>1,039</b>	<b>53</b>	<b>3,236</b>	<b>3,231</b>	<b>5</b>
<b>Subtotal forest products, wood and chips</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>11</b>	-----	-----	-----	-----
4170 wood in the rough	0	-----	0	-----	-----	-----	-----	-----
4189 lumber	11	-----	0	11	-----	-----	-----	-----
4190 forest products nec	0	0	-----	-----	-----	-----	-----	-----

DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	
							Receipts	Shipments
								Internal Receipts
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>578</b>	<b>0</b>	<b>-----</b>	<b>22</b>	<b>25</b>	<b>531</b>	<b>531</b>	<b>-----</b>
4310 building stone	0	0	-----	-----	-----	-----	-----	-----
4322 limestone	531	-----	-----	-----	-----	531	531	-----
4331 sand & gravel	47	-----	-----	22	25	-----	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>3,503</b>	<b>2</b>	<b>20</b>	<b>821</b>	<b>19</b>	<b>2,640</b>	<b>2,635</b>	<b>5</b>
4410 iron ore	3,480	-----	-----	821	19	2,640	2,635	5
4420 iron & steel scrap	22	2	20	-----	-----	-----	-----	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>	<b>0</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4650 aluminum ore	0	0	-----	-----	-----	-----	-----	-----
4680 non-ferrous scrap	0	0	-----	-----	-----	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>9</b>	<b>0</b>	<b>-----</b>	<b>0</b>	<b>9</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4782 clay & refrac. mat.	9	0	-----	0	9	-----	-----	-----
<b>Subtotal slag</b>	<b>30</b>	<b>-----</b>	<b>-----</b>	<b>9</b>	<b>-----</b>	<b>21</b>	<b>21</b>	<b>-----</b>
4860 slag	30	-----	-----	9	-----	21	21	-----
<b>Subtotal other non-metal. min.</b>	<b>220</b>	<b>-----</b>	<b>0</b>	<b>176</b>	<b>-----</b>	<b>43</b>	<b>43</b>	<b>-----</b>
4900 non-metal. min. nec	220	-----	0	176	-----	43	43	-----
<b>Total primary manufactured goods</b>	<b>1,494</b>	<b>816</b>	<b>1</b>	<b>291</b>	<b>4</b>	<b>382</b>	<b>382</b>	<b>-----</b>
<b>Subtotal paper products</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
5110 newsprint	3	-----	0	3	-----	-----	-----	-----
5120 paper & paperboard	1	1	1	0	-----	-----	-----	-----
5190 paper products nec	0	0	0	0	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>652</b>	<b>1</b>	<b>0</b>	<b>266</b>	<b>2</b>	<b>382</b>	<b>382</b>	<b>-----</b>
5220 cement & concrete	650	-----	-----	266	2	382	382	-----
5240 glass & glass prod.	0	0	0	0	-----	-----	-----	-----
5290 misc. mineral prod.	2	1	0	-----	-----	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>817</b>	<b>811</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
5312 pig iron	0	0	0	-----	-----	-----	-----	-----
5315 ferro alloys	9	9	-----	-----	-----	-----	-----	-----
5320 i&s primary forms	61	61	0	-----	-----	-----	-----	-----

DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	Internal
						Receipts	Shipments	Receipts
5330 i&s plates & sheets	685	680	0	4	1			
5360 i&s bars & shapes	54	54						
5370 i&s pipe & tube	6	6	0	0				
5390 primary i&s nec	1	1						
<b>Subtotal primary non-ferrous metal products</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>			
5421 copper	0	0						
5422 aluminum	0	0	0					
5429 smelted prod. nec	2	2		0				
5480 fab. metal products	1	1	0	0	1			
<b>Subtotal primary wood products</b>	<b>18</b>	<b>0</b>		<b>18</b>				
5540 primary wood prod.	18	0		18				
<b>Total food and farm products</b>	<b>9</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>0</b>			
<b>Subtotal fish</b>	<b>0</b>	<b>0</b>						
6134 fish (not shellfish)	0	0						
<b>Subtotal oilseeds</b>	<b>0</b>		<b>0</b>					
6590 oilseeds nec	0		0					
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
6653 vegetable oils	0			0				
6654 vegetables & prod.	0	0	0					
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>				
6747 grain mill products	0	0	0					
6782 animal feed, prep.	0	0	0	0				
<b>Subtotal other agricultural products</b>	<b>9</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>0</b>			
6811 meat, fresh, frozen	0	0						
6822 dairy products	0	0						
6838 tallow, animal oils	8		8		0			

DETROIT HARBOR, MI (INCLUDED IN PORT OF DETROIT)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	Internal
							Receipts Shipments	Receipts
6839 animals & prod. nec	0	0	0	-----	-----	-----	-----	-----
6857 fruit & nuts nec	0	-----	0	-----	-----	-----	-----	-----
6858 fruit juices	0	0	0	-----	-----	-----	-----	-----
6872 cocoa beans	0	0	-----	-----	-----	-----	-----	-----
6885 alcoholic beverages	0	0	-----	0	-----	-----	-----	-----
6889 food products nec	0	0	0	0	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>222</b>	<b>6</b>	<b>6</b>	<b>201</b>	<b>9</b>	-----	-----	-----
7110 machinery (not elec)	21	3	1	14	3	-----	-----	-----
7120 electrical machinery	1	0	0	0	-----	-----	-----	-----
7210 vehicles & parts	192	1	4	186	-----	-----	-----	-----
7230 ships & boats	6	0	-----	0	6	-----	-----	-----
7400 manufac. wood prod.	0	0	0	0	-----	-----	-----	-----
7500 textile products	1	0	0	0	-----	-----	-----	-----
7600 rubber & plastic pr.	1	0	0	0	-----	-----	-----	-----
7900 manufac. prod. nec	2	1	1	0	0	-----	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>0</b>	-----	<b>1</b>	-----	-----	-----	-----
9900 unknown or nec	1	0	-----	1	-----	-----	-----	-----

## ROUGE RIVER, MI (INCLUDED IN PORT OF DETROIT)

Section Included: From the mouth of the Short Cut Canal to the Ford Motor Company. Controlling Depth: 20 feet for a minimum width of 100 feet from the mouth of the short cut to Dix Avenue Bridge, with the exception of some shoal areas, and 20 feet in the Turning Basin, except near the shore. Project Depth: 21.0 feet from mouth of Short Cut Canal to and including the Turning Basin in main channel.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	8,729	1990	7,960
1986	8,191	1991	6,522
1987	7,162	1992	7,192
1988	7,522	1993	7,072
1989	8,044	1994	8,569

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic					
		Imports	Exports	Total	Lakewise		Internal		Intraport
					Receipts	Shipments	Receipts	Shipments	
<b>Total, all commodities</b>	<b>8,568</b>	<b>2,234</b>	<b>289</b>	<b>6,046</b>	<b>5,529</b>	<b>349</b>	<b>48</b>	<b>43</b>	<b>77</b>
<b>Total coal</b>	<b>572</b>	<b>106</b>	<b>23</b>	<b>443</b>	<b>443</b>	-----	-----	-----	-----
1100 coal lignite	474	32	-----	443	443	-----	-----	-----	-----
1200 coal coke	98	75	23	-----	-----	-----	-----	-----	-----
<b>Total petroleum and petroleum products</b>	<b>876</b>	<b>8</b>	<b>196</b>	<b>672</b>	<b>155</b>	<b>349</b>	<b>48</b>	<b>43</b>	<b>77</b>
<b>Subtotal petroleum products</b>	<b>876</b>	<b>8</b>	<b>196</b>	<b>672</b>	<b>155</b>	<b>349</b>	<b>48</b>	<b>43</b>	<b>77</b>
2330 distillate fuel oil	70	8	25	37	5	32	-----	0	0
2340 residual fuel oil	113	-----	9	104	2	56	-----	43	2
2430 asphalt, tar & pitch	550	-----	18	532	148	262	48	-----	74
2540 petroleum coke	143	-----	143	-----	-----	-----	-----	-----	-----
<b>Total chemicals and related products</b>	<b>14</b>	<b>3</b>	<b>11</b>	-----	-----	-----	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>3</b>	<b>3</b>	-----	-----	-----	-----	-----	-----	-----
3110 nitrogenous fert.	3	3	-----	-----	-----	-----	-----	-----	-----



ROUGE RIVER, MI (INCLUDED IN PORT OF DETROIT)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Canadian		Domestic					
		Imports	Exports	Total	Lakewise		Internal		
					Receipts	Shipments	Receipts	Shipments	Intraport
<b>Subtotal other chemicals and related products</b>	<b>11</b>	<b>0</b>	<b>11</b>	-----	-----	-----	-----	-----	-----
3240 nitrogen func. comp.	0	-----	0	-----	-----	-----	-----	-----	-----
3260 organic comp. nec	11	-----	11	-----	-----	-----	-----	-----	-----
3286 plastics	0	0	-----	-----	-----	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>6,571</b>	<b>1,617</b>	<b>23</b>	<b>4,931</b>	<b>4,931</b>	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,059</b>	<b>34</b>	<b>19</b>	<b>2,005</b>	<b>2,005</b>	-----	-----	-----	-----
4322 limestone	1,740	-----	19	1,721	1,721	-----	-----	-----	-----
4323 gypsum	284	-----	-----	284	284	-----	-----	-----	-----
4331 sand & gravel	34	34	-----	-----	-----	-----	-----	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>4,031</b>	<b>1,246</b>	<b>0</b>	<b>2,785</b>	<b>2,785</b>	-----	-----	-----	-----
4410 iron ore	4,024	1,240	-----	2,785	2,785	-----	-----	-----	-----
4420 iron & steel scrap	7	6	0	-----	-----	-----	-----	-----	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>18</b>	<b>18</b>	-----	-----	-----	-----	-----	-----	-----
4690 non-ferrous ores nec	18	18	-----	-----	-----	-----	-----	-----	-----
<b>Subtotal slag</b>	<b>3</b>	-----	<b>3</b>	-----	-----	-----	-----	-----	-----
4860 slag	3	-----	3	-----	-----	-----	-----	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>461</b>	<b>319</b>	<b>1</b>	<b>141</b>	<b>141</b>	-----	-----	-----	-----
4900 non-metal. min. nec	461	319	1	141	141	-----	-----	-----	-----
<b>Total primary manufactured goods</b>	<b>354</b>	<b>354</b>	-----	-----	-----	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>354</b>	<b>354</b>	-----	-----	-----	-----	-----	-----	-----
5220 cement & concrete	354	354	-----	-----	-----	-----	-----	-----	-----
<b>Total food and farm products</b>	<b>38</b>	<b>12</b>	<b>27</b>	-----	-----	-----	-----	-----	-----
<b>Subtotal grain</b>	<b>27</b>	-----	<b>27</b>	-----	-----	-----	-----	-----	-----
6241 wheat	27	-----	27	-----	-----	-----	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>12</b>	<b>12</b>	-----	-----	-----	-----	-----	-----	-----
6899 farm products nec	12	12	-----	-----	-----	-----	-----	-----	-----

**ROUGE RIVER, MI (INCLUDED IN PORT OF DETROIT)**  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Canadian		Domestic				
		Imports	Exports	Total	Lakewise	Internal		
				Receipts	Shipments	Receipts	Shipments	Intraport
<b>Total all manufactured equipment, machinery and products</b>	<b>143</b>	<b>134</b>	<b>8</b>	-----	-----	-----	-----	-----
7110 machinery (not elec)	6	-----	6	-----	-----	-----	-----	-----
7120 electrical machinery	2	-----	2	-----	-----	-----	-----	-----
7210 vehicles & parts	134	134	-----	-----	-----	-----	-----	-----

**ECORSE, MI (INCLUDED IN PORT OF DETROIT)**

Section Included: U.S. shore of Detroit River from Great Lakes Ave. to Ecorse River. Controlling Depth: 26.5 feet.  
 Project Depth: 28.5 feet.

Comparative Statement of Traffic  
 (thousand tons)

Year	Total	Year	Total
1985	440	1990	268
1986	400	1991	421
1987	185	1992	350
1988	483	1993	276
1989	641	<b>1994</b>	<b>712</b>

Freight Traffic, 1994  
 (thousand tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Imports	Exports	Exports	Total	Lakewise	Internal
					Receipts	Shipments	
Total, all commodities	712	613	30	2	66	16	49
Total coal	4	-----	4	-----	-----	-----	-----
1200 coal coke	4	-----	4	-----	-----	-----	-----
Total petroleum and petroleum products	52	-----	-----	-----	52	3	49
Subtotal petroleum products	52	-----	-----	-----	52	3	49
2340 residual fuel oil	3	-----	-----	-----	3	3	-----
2430 asphalt, tar & pitch	49	-----	-----	-----	49	-----	49

ECORSE, MI (INCLUDED IN PORT OF DETROIT)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Imports	Exports	Exports	Total	Lakewise Receipts	Internal Shipments
<b>Total chemicals and related products</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----
3230 carboxylic acids	0	0	-----	-----	-----	-----	-----
3275 inorg. elem., oxides, & halogen salts	0	0	-----	-----	-----	-----	-----
3285 perfumes & cleansers	0	-----	0	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>116</b>	<b>83</b>	<b>20</b>	-----	<b>14</b>	<b>14</b>	-----
<b>Subtotal iron ore and scrap</b>	<b>95</b>	<b>76</b>	<b>20</b>	-----	-----	-----	-----
4420 iron & steel scrap	95	76	20	-----	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>7</b>	<b>7</b>	-----	-----	-----	-----	-----
4782 clay & refrac. mat.	7	7	-----	-----	-----	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>14</b>	-----	-----	-----	<b>14</b>	<b>14</b>	-----
4900 non-metal. min. nec	14	-----	-----	-----	14	14	-----
<b>Total primary manufactured goods</b>	<b>526</b>	<b>524</b>	-----	<b>2</b>	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
5290 misc. mineral prod.	0	0	-----	-----	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>526</b>	<b>524</b>	-----	<b>2</b>	-----	-----	-----
5320 i&s primary forms	144	144	-----	-----	-----	-----	-----
5330 i&s plates & sheets	353	353	-----	-----	-----	-----	-----
5360 i&s bars & shapes	26	23	-----	<b>2</b>	-----	-----	-----
5370 i&s pipe & tube	2	2	-----	-----	-----	-----	-----
5390 primary i&s nec	1	1	-----	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
5421 copper	0	0	-----	-----	-----	-----	-----
5422 aluminum	0	0	-----	-----	-----	-----	-----
<b>Total food and farm products</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----
<b>Subtotal grain</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
6442 rice	0	0	-----	-----	-----	-----	-----
<b>Subtotal vegetable products</b>	<b>0</b>	-----	-----	<b>0</b>	-----	-----	-----
6654 vegetables & prod.	0	-----	-----	0	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----
6889 food products nec	0	0	-----	-----	-----	-----	-----
6893 cotton	0	-----	0	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>12</b>	<b>6</b>	<b>6</b>	-----	-----	-----	-----
7110 machinery (not elec)	12	6	6	-----	-----	-----	-----
7120 electrical machinery	0	0	-----	-----	-----	-----	-----
7210 vehicles & parts	0	0	-----	-----	-----	-----	-----
7900 manufac. prod. nec	0	0	0	-----	-----	-----	-----

ECORSE, MI (INCLUDED IN PORT OF DETROIT)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign		Canadian	Domestic		
		Imports	Exports	Exports	Total	Lakewise Receipts	Internal Shipments
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
9900 unknown or nec	0	0	-----	-----	-----	-----	-----

TRENTON, MI (INCLUDED IN PORT OF DETROIT)

Section Included: U.S. shore of Detroit River from foot of Sibley Road to foot of Parkway Drive. Controlling and Project Depths: 28 feet.

Comparative Statement of Traffic  
 (thousand tons)

Year	Total	Year	Total
1985	1,298	1990	1,885
1986	1,346	1991	1,799
1987	1,677	1992	1,493
1988	1,654	1993	1,993
1989	2,043	1994	1,899

Freight Traffic, 1994  
 (thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise Receipts	Internal Shipments
<b>Total, all commodities</b>	<b>1,899</b>	<b>27</b>	<b>29</b>	<b>1,844</b>	<b>1,827</b>	<b>17</b>
<b>Total coal</b>	<b>259</b>	-----	-----	<b>259</b>	<b>259</b>	-----
1100 coal lignite	259	-----	-----	259	259	-----
<b>Total petroleum and petroleum products</b>	<b>40</b>	-----	<b>18</b>	<b>23</b>	<b>6</b>	<b>17</b>
<b>Subtotal petroleum products</b>	<b>40</b>	-----	<b>18</b>	<b>23</b>	<b>6</b>	<b>17</b>
2211 gasoline	13	-----	-----	13	-----	13
2330 distillate fuel oil	26	-----	16	9	6	4
2340 residual fuel oil	1	-----	1	-----	-----	-----
2540 petroleum coke	0	-----	0	-----	-----	-----
<b>Total chemicals and related products</b>	<b>11</b>	-----	<b>11</b>	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>11</b>	-----	<b>11</b>	-----	-----	-----
3274 sodium hydroxide	11	-----	11	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>1,589</b>	<b>27</b>	-----	<b>1,562</b>	<b>1,562</b>	-----
<b>Subtotal Iron ore and scrap</b>	<b>1,589</b>	<b>27</b>	-----	<b>1,562</b>	<b>1,562</b>	-----
4410 iron ore	1,589	27	-----	1,562	1,562	-----

## PORT OF DETROIT, MI

Section Included: Detroit Harbor, Rouge River, Ecorse, Wyandotte, Riverview and Trenton. Controlling and Project Depths: See aforementioned projects.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	15,612	1990	17,735
1986	15,219	1991	14,321
1987	14,130	1992	16,303
1988	15,331	1993	17,422
1989	20,701	1994	18,718

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Foreign		Canadian	
		Imports	Exports	Imports	Exports
<b>Total, all commodities</b>	<b>6,014</b>	<b>1,443</b>	<b>86</b>	<b>4,051</b>	<b>434</b>
<b>Total coal</b>	<b>387</b>	-----	<b>19</b>	<b>334</b>	<b>35</b>
1100 coal lignite	259	-----	0	259	-----
1200 coal coke	128	-----	18	75	35
<b>Total petroleum and petroleum products</b>	<b>285</b>	-----	<b>0</b>	<b>34</b>	<b>251</b>
<b>Subtotal petroleum products</b>	<b>285</b>	-----	<b>0</b>	<b>34</b>	<b>251</b>
2330 distillate fuel oil	53	-----	-----	11	42
2340 residual fuel oil	41	-----	-----	20	21
2350 lube oil & greases	4	-----	-----	4	-----
2410 petro. jelly & waxes	0	-----	0	-----	-----
2429 naphtha & solvents	0	-----	-----	0	-----
2430 asphalt, tar & pitch	18	-----	-----	-----	18
2540 petroleum coke	171	-----	0	-----	171
<b>Total chemicals and related products</b>	<b>39</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>23</b>
<b>Subtotal fertilizers</b>	<b>6</b>	-----	-----	<b>6</b>	-----
3110 nitrogenous fert.	3	-----	-----	3	-----
3130 potassic fert.	4	-----	-----	4	-----
<b>Subtotal other chemicals and related products</b>	<b>33</b>	<b>4</b>	<b>5</b>	<b>1</b>	<b>23</b>
3212 benzene & toluene	0	-----	-----	0	-----
3219 other hydrocarbons	0	0	0	-----	-----
3220 alcohols	0	0	-----	-----	-----
3230 carboxylic acids	1	1	0	-----	-----
3240 nitrogen func. comp.	1	0	0	0	0
3250 organo- inorgan. comp	0	0	0	-----	-----
3260 organic comp. nec	11	0	0	-----	11
3274 sodium hydroxide	11	-----	-----	-----	11
3275 inorg. elem., oxides, & halogen salts	0	0	0	0	-----
3276 metallic salts	0	0	0	0	-----
3279 inorganic chem. nec	0	0	0	0	-----
3281 radioactive material	0	0	-----	-----	-----
3282 pigments & paints	1	0	0	0	-----
3283 coloring mat. nec	0	0	0	-----	-----
3284 medicines	0	0	0	-----	-----

PORT OF DETROIT, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity		Total	Foreign		Canadian	
			Imports	Exports	Imports	Exports
3285	perfumes & cleansers	3	0	3	0	-----
3286	plastics	4	2	1	0	-----
3291	pesticides	0	-----	0	-----	-----
3292	starches, gluten, glue	0	0	0	0	0
3293	explosives	0	0	-----	-----	-----
3297	chemical additives	0	0	0	-----	-----
3298	wood & resin chem.	0	-----	-----	-----	0
3299	chem. products nec	0	0	0	0	-----
<b>Total crude materials, inedible except fuels</b>		<b>2,885</b>	<b>85</b>	<b>40</b>	<b>2,683</b>	<b>77</b>
<b>Subtotal forest products, wood and chips</b>		<b>11</b>	<b>0</b>	<b>0</b>	<b>11</b>	-----
4170	wood in the rough	0	-----	0	-----	-----
4189	lumber	11	-----	0	11	-----
4190	forest products nec	0	0	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>		<b>101</b>	<b>0</b>	-----	<b>56</b>	<b>45</b>
4310	building stone	0	0	-----	-----	-----
4322	limestone	19	-----	-----	-----	19
4331	sand & gravel	82	-----	-----	56	25
<b>Subtotal iron ore and scrap</b>		<b>2,231</b>	<b>78</b>	<b>40</b>	<b>2,094</b>	<b>20</b>
4410	iron ore	2,107	-----	-----	2,087	19
4420	iron & steel scrap	125	78	40	6	0
<b>Subtotal non-ferrous ores and scrap</b>		<b>18</b>	<b>0</b>	-----	<b>18</b>	-----
4650	aluminum ore	0	0	-----	-----	-----
4680	non-ferrous scrap	0	0	-----	-----	-----
4690	non-ferrous ores nec	18	-----	-----	18	-----
<b>Subtotal sulphur, clay and salt</b>		<b>16</b>	<b>7</b>	-----	<b>0</b>	<b>9</b>
4782	clay & refrac. mat.	16	7	-----	0	9
<b>Subtotal slag</b>		<b>11</b>	-----	-----	<b>9</b>	<b>3</b>
4860	slag	11	-----	-----	9	3
<b>Subtotal other non-metal. min.</b>		<b>496</b>	-----	<b>0</b>	<b>496</b>	<b>1</b>
4900	non-metal. min. nec	496	-----	0	496	1
<b>Total primary manufactured goods</b>		<b>1,992</b>	<b>1,340</b>	<b>1</b>	<b>645</b>	<b>6</b>
<b>Subtotal paper products</b>		<b>4</b>	<b>1</b>	<b>1</b>	<b>3</b>	-----
5110	newsprint	3	-----	0	3	-----
5120	paper & paperboard	1	1	1	0	-----
5190	paper products nec	0	0	0	0	-----
<b>Subtotal lime, cement and glass</b>		<b>623</b>	<b>2</b>	<b>0</b>	<b>620</b>	<b>2</b>
5220	cement & concrete	621	-----	-----	619	2
5240	glass & glass prod.	0	0	0	0	-----
5290	misc. mineral prod.	2	1	0	-----	-----
<b>Subtotal primary iron and steel products</b>		<b>1,343</b>	<b>1,335</b>	<b>0</b>	<b>5</b>	<b>3</b>
5312	pig iron	0	0	0	-----	-----
5315	ferro alloys	9	9	-----	-----	-----
5320	i&s primary forms	205	205	0	-----	-----
5330	i&s plates & sheets	1,039	1,033	0	4	1
5360	i&s bars & shapes	80	77	-----	-----	2
5370	i&s pipe & tube	9	9	0	0	-----
5390	primary i&s nec	2	2	-----	-----	-----

PORT OF DETROIT, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Foreign		Canadian	
		Imports	Exports	Imports	Exports
<b>Subtotal primary non-ferrous metal products</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>
5421 copper	0	0	0	0	0
5422 aluminum	0	0	0	0	0
5429 smelted prod. nec	2	2	0	0	0
5480 fab. metal products	1	1	0	0	1
<b>Subtotal primary wood products</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>0</b>
5540 primary wood prod.	18	0	0	18	0
<b>Total food and farm products</b>	<b>48</b>	<b>1</b>	<b>8</b>	<b>12</b>	<b>27</b>
<b>Subtotal fish</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
6134 fish (not shellfish)	0	0	0	0	0
<b>Subtotal grain</b>	<b>27</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>
6241 wheat	27	0	0	0	27
6442 rice	0	0	0	0	0
<b>Subtotal oilseeds</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
6590 oilseeds nec	0	0	0	0	0
<b>Subtotal vegetable products</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
6653 vegetable oils	0	0	0	0	0
6654 vegetables & prod.	0	0	0	0	0
<b>Subtotal processed grain and animal feed</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
6747 grain mill products	0	0	0	0	0
6782 animal feed, prep.	0	0	0	0	0
<b>Subtotal other agricultural products</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>12</b>	<b>0</b>
6811 meat, fresh, frozen	0	0	0	0	0
6822 dairy products	0	0	0	0	0
6838 tallow, animal oils	8	0	8	0	0
6839 animals & prod. nec	0	0	0	0	0
6857 fruit & nuts nec	0	0	0	0	0
6858 fruit juices	0	0	0	0	0
6872 cocoa beans	0	0	0	0	0
6885 alcoholic beverages	0	0	0	0	0
6889 food products nec	0	0	0	0	0
6893 cotton	0	0	0	0	0
6899 farm products nec	12	0	0	12	0
<b>Total all manufactured equipment, machinery and products</b>	<b>377</b>	<b>12</b>	<b>12</b>	<b>335</b>	<b>17</b>
7110 machinery (not elec)	39	9	7	14	9
7120 electrical machinery	3	0	0	0	2
7210 vehicles & parts	326	1	4	321	0
7230 ships & boats	6	0	0	0	6
7400 manufac. wood prod.	0	0	0	0	0
7500 textile products	1	0	0	0	0
7600 rubber & plastic pr.	1	0	0	0	0
7900 manufac. prod. nec	2	1	1	0	0
<b>Total unknown or not elsewhere classified</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
9900 unknown or nec	1	0	0	1	0

PORT OF DETROIT, MI  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Domestic		
		Lakewise		Internal
		Receipts	Shipments	Intraport
<b>Total, all commodities</b>	<b>12,704</b>	<b>12,163</b>	<b>371</b>	<b>170</b>
<b>Total coal</b>	<b>1,833</b>	<b>1,833</b>	-----	-----
1100 coal lignite	1,833	1,833	-----	-----
<b>Total petroleum and petroleum products</b>	<b>704</b>	<b>168</b>	<b>366</b>	<b>170</b>
<b>Subtotal petroleum products</b>	<b>704</b>	<b>168</b>	<b>366</b>	<b>170</b>
2211 gasoline	13	-----	13	-----
2330 distillate fuel oil	51	15	35	1
2340 residual fuel oil	106	5	56	45
2430 asphalt, tar & pitch	533	148	262	124
<b>Total crude materials, inedible except fuels</b>	<b>9,785</b>	<b>9,780</b>	<b>5</b>	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,578</b>	<b>2,578</b>	-----	-----
4322 limestone	2,251	2,251	-----	-----
4323 gypsum	327	327	-----	-----
<b>Subtotal Iron ore and scrap</b>	<b>6,987</b>	<b>6,982</b>	<b>5</b>	-----
4410 iron ore	6,987	6,982	5	-----
<b>Subtotal slag</b>	<b>21</b>	<b>21</b>	-----	-----
4860 slag	21	21	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>198</b>	<b>198</b>	-----	-----
4900 non-metal. min. nec	198	198	-----	-----
<b>Total primary manufactured goods</b>	<b>382</b>	<b>382</b>	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>382</b>	<b>382</b>	-----	-----
5220 cement & concrete	382	382	-----	-----



## MONROE HARBOR, MI

Section Included: Channel in Lake Erie and 16,000 feet above Raisin River. Controlling depth: 20 feet to turning basin over a center width of 150 feet; 16.5 feet in turning basin except near the shore; 5.5 feet in 9 foot channel. Project Depth: 21 feet to the Turning Basin; 18 feet in the Turning Basin; 9 feet to lower docks at Monroe. Navigation season: Approximately 20 April to 14 December.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	793	1990	1,585
1986	623	1991	1,837
1987	1,178	1992	1,778
1988	1,123	1993	1,078
1989	1,490	1994	2,035

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Receipts
<b>Total, all commodities</b>	<b>2,035</b>	<b>2,035</b>
<b>Total coal</b>	<b>2,010</b>	<b>2,010</b>
1100 coal lignite	2,010	2,010
<b>Total petroleum and petroleum products</b>	<b>25</b>	<b>25</b>
<b>Subtotal petroleum products</b>	<b>25</b>	<b>25</b>
2430 asphalt, tar & pitch	25	25

## CALCITE, MI

## NON-CORPS PROJECT

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	7,740	1990	10,058
1986	6,843	1991	8,814
1987	8,159	1992	7,049
1988	10,205	1993	6,419
1989	9,238	1994	7,456

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian	Domestic		
		Exports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>7,456</b>	<b>4</b>	<b>1,580</b>	<b>5,872</b>	<b>51</b>	<b>5,820</b>
<b>Total coal</b>	<b>6</b>		<b>6</b>			
1100 coal lignite	6		6			
<b>Total chemicals and related products</b>	<b>0</b>	<b>0</b>				
<b>Subtotal other chemicals and related products</b>	<b>0</b>	<b>0</b>				
3285 perfumes & cleansers	0	0				
3286 plastics	0	0				
<b>Total crude materials, inedible except fuels</b>	<b>7,449</b>	<b>4</b>	<b>1,574</b>	<b>5,872</b>	<b>51</b>	<b>5,820</b>
<b>Subtotal pulp and waste paper</b>	<b>4</b>	<b>4</b>				
4225 pulp & waste paper	4	4				
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>7,409</b>		<b>1,537</b>	<b>5,872</b>	<b>51</b>	<b>5,820</b>
4322 limestone	7,284		1,413	5,872	51	5,820
4331 sand & gravel	125		125			
<b>Subtotal iron ore and scrap</b>	<b>36</b>		<b>36</b>			
4410 iron ore	36		36			
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>	<b>0</b>				
4680 non-ferrous scrap	0	0				
<b>Total primary manufactured goods</b>	<b>0</b>	<b>0</b>				
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>0</b>				
5480 fab. metal products	0	0				
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>				
7110 machinery (not elec)	0	0				
7120 electrical machinery	0	0				
7210 vehicles & parts	0	0				
7900 manufac. prod. nec	0	0				

## ESCANABA, MI

## NON-CORPS PROJECT

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	8,676	1990	6,400
1986	8,720	1991	6,492
1987	6,113	1992	7,401
1988	7,873	1993	7,142
1989	6,767	1994	7,775

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
<b>Total, all commodities</b>	<b>7,775</b>	<b>774</b>	<b>7,001</b>
<b>Total coal</b>	<b>350</b>	<b>350</b>	-----
1100 coal lignite	350	350	-----
<b>Total crude materials, inedible except fuels</b>	<b>7,425</b>	<b>424</b>	<b>7,001</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>451</b>	<b>424</b>	<b>26</b>
4322 limestone	451	424	26
<b>Subtotal iron ore and scrap</b>	<b>6,974</b>	-----	<b>6,974</b>
4410 iron ore	6,974	-----	6,974

## STONEPORT, MI

## NON-CORPS PROJECT

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	6,501	1990	8,694
1986	6,643	1991	9,317
1987	8,186	1992	8,650
1988	8,337	1993	8,752
1989	8,888	1994	8,416

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian Exports	Domestic		
			Total	Lakewise	
				Receipts	Shipments
<b>Total, all commodities</b>	<b>8,416</b>	<b>1,000</b>	<b>7,416</b>	<b>144</b>	<b>7,272</b>
<b>Total coal</b>	<b>73</b>	<b>59</b>	<b>14</b>	<b>14</b>	<b>-----</b>
1100 coal lignite	14	-----	14	14	-----
1200 coal coke	59	59	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>8,326</b>	<b>924</b>	<b>7,402</b>	<b>130</b>	<b>7,272</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>8,320</b>	<b>918</b>	<b>7,402</b>	<b>130</b>	<b>7,272</b>
4322 limestone	8,235	851	7,384	130	7,254
4331 sand & gravel	85	67	18	-----	18
<b>Subtotal sulphur, clay and salt</b>	<b>6</b>	<b>6</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4782 clay & refrac. mat.	6	6	-----	-----	-----
<b>Total primary manufactured goods</b>	<b>17</b>	<b>17</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
<b>Subtotal lime, cement and glass</b>	<b>17</b>	<b>17</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
5220 cement & concrete	17	17	-----	-----	-----

## Other Harbors and Waterways

Harbor or Waterway	Commodity	Tons Thousand
Project		
ALGOMA HARBOR, WI	No Commerce Reported	
ALGONAC, MI (INCLUDED IN ST. CLAIR RIVER)	4322 limestone	8
	<b>Total Tons(x1000)</b>	<b>8</b>
AU SABLE HARBOR AND RIVER (OSCODA), MI	No Commerce Reported	
BIG BAY HARBOR, MI	No Commerce Reported	
BLACK RIVER HARBOR, MI	No Commerce Reported	
CASEVILLE, MI	No Commerce Reported	
CEDAR RIVER HARBOR, MI	No Commerce Reported	
DETOUR, MI AND VICINITY (INCLUDED IN ST. MARYS RIVER)	No Commerce Reported	
DETROIT HARBOR, WI	2211 gasoline	1
	2330 distillate fuel oil	1
	2640 liquid natural gas	0
	9900 unknown or nec	6
	<b>Total Tons(x1000)</b>	<b>8</b>
EAGLE HARBOR, MI	No Commerce Reported	
FRANKFORT HARBOR, MI	2430 asphalt, tar & pitch	70
	4170 wood in the rough	2
	4322 limestone	10
	<b>Total Tons(x1000)</b>	<b>81</b>
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI	No Commerce Reported	
GRAND TRAVERSE BAY HARBOR, MI	No Commerce Reported	
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)	1100 coal lignite	88
	<b>Total Tons(x1000)</b>	<b>88</b>

## Other Harbors and Waterways - continued

Harbor or Waterway	Commodity	Tons Thousand
Project		
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON)	No Commerce Reported	
KENOSHA HARBOR, WI	7110 machinery (not elec) 7500 textile products	0 0
	<b>Total Tons(x1000)</b>	<b>0</b>
KEWAUNEE HARBOR, WI	No Commerce Reported	
KEWEENAW WATERWAY, MI	2211 gasoline 3299 chem. products nec 4150 fuel wood 4189 lumber 4331 sand & gravel 4420 iron & steel scrap 4900 non-metal. min. nec 5220 cement & concrete 5370 i&s pipe & tube 5480 fab. metal products 6781 hay & fodder 7110 machinery (not elec) 7120 electrical machinery 7210 vehicles & parts 7230 ships & boats 7900 manufac. prod. nec 8900 waste and scrap nec	0 0 0 0 2 0 10 0 0 0 0 0 0 0 0 0 0 0
	<b>Total Tons(x1000)</b>	<b>12</b>
	<b>Total Ton-miles(x1000)</b>	<b>93</b>
LAC LA BELLE HARBOR, MI	No Commerce Reported	
LELAND HARBOR, MI	No Commerce Reported	
LIME ISLAND, MI (INCLUDED IN ST. MARYS RIVER)	No Commerce Reported	
MACKINAC HARBOR, MI	7900 manufac. prod. nec	11
	<b>Total Tons(x1000)</b>	<b>11</b>
MACKINAW CITY HARBOR, MI	No Commerce Reported	
MANISTIQUE HARBOR, MI	2211 gasoline 2330 distillate fuel oil	0 1
	<b>Total Tons(x1000)</b>	<b>1</b>
MENOMINEE HARBOR AND RIVER, MI AND WI	1100 coal lignite	89

## Other Harbors and Waterways - continued

Harbor or Waterway	Commodity	Tons Thousand
Project		
MENOMINEE HARBOR AND RIVER, MI AND WI - continued	3285 perfumes & cleansers	0
	4225 pulp & waste paper	16
	4900 non-metal. min. nec	68
	5312 pig iron	44
	6522 soybeans	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0
	7210 vehicles & parts	0
	7900 manufac. prod. nec	0
	<b>Total Tons(x1000)</b>	<b>217</b>
NEW BUFFALO HARBOR MI	No Commerce Reported	
OCONTO HARBOR, WI	No Commerce Reported	
PENSAUKEE HARBOR, WI	No Commerce Reported	
PENTWATER HARBOR, MI	No Commerce Reported	
PORT SANILAC HARBOR, MI	No Commerce Reported	
PUT-IN-BAY HARBOR, OH	2211 gasoline	0
	2330 distillate fuel oil	2
	9900 unknown or nec	2
	<b>Total Tons(x1000)</b>	<b>4</b>
RACINE HARBOR, WI	No Commerce Reported	
ROGERS CITY, MI	No Commerce Reported	
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI	No Commerce Reported	
SAULT STE. MARIE, MI (INCLUDED IN ST. MARYS RIVER)	1100 coal lignite	10
	3219 other hydrocarbons	0
	3240 nitrogen func. comp.	0
	3250 organo- inorgan. comp	0
	3284 medicines	1
	3286 plastics	0
	3292 starches, gluten, glue	0
	4189 lumber	1
	4322 limestone	5
	5290 misc. mineral prod.	0
	7110 machinery (not elec)	0
	7120 electrical machinery	0

## Other Harbors and Waterways - continued

Harbor or Waterway	Commodity	Tons Thousand
<b>Project</b>		
SAULT STE. MARIE, MI (INCLUDED IN ST. MARYS RIVER) - continued	7210 vehicles & parts	0
	7900 manufac. prod. nec	0
	9900 unknown or nec	1
	<b>Total Tons(x1000)</b>	<b>17</b>
SEBEWAING, MI	No Commerce Reported	
SHEBOYGAN HARBOR, WI	3110 nitrogenous fert.	12
	<b>Total Tons(x1000)</b>	<b>12</b>
SOUTH HAVEN HARBOR, MI	4322 limestone	7
	<b>Total Tons(x1000)</b>	<b>7</b>
ST. JAMES (BEAVER ISLAND), MI	2211 gasoline	0
	2330 distillate fuel oil	1
	9900 unknown or nec	4
	<b>Total Tons(x1000)</b>	<b>5</b>
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI	2430 asphalt, tar & pitch	88
	<b>Total Tons(x1000)</b>	<b>88</b>
	<b>Total Ton-miles(x1000)</b>	<b>701</b>
TWO RIVERS HARBOR, WI	No Commerce Reported	
WHITE LAKE HARBOR, MI	No Commerce Reported	
WHITEFISH POINT HARBOR, MI	No Commerce Reported	
WYANDOTTE, MI (INCLUDED IN PORT OF DETROIT)	1100 coal lignite	88
	4323 gypsum	43
	<b>Total Tons(x1000)</b>	<b>130</b>
<b>Non-project</b>		
ALABASTER, MI	4322 limestone	39
	4323 gypsum	510
	<b>Total Tons(x1000)</b>	<b>549</b>
MARBLEHEAD, OH	2211 gasoline	0



## Other Harbors and Waterways - continued

Harbor or Waterway	Commodity	Tons Thousand
Non-project		
MARBLEHEAD, OH - continued	2330 distillate fuel oil	0
	4189 lumber	0
	4322 limestone	2,762
	4331 sand & gravel	23
	4420 iron & steel scrap	4
	5290 misc. mineral prod.	0
	6887 groceries	0
	6889 food products nec	0
	7110 machinery (not elec)	0
	7400 manufac. wood prod.	0
	7900 manufac. prod. nec	0
	9900 unknown or nec	0
	<b>Total Tons(x1000)</b>	<b>2,790</b>
PORT DOLOMITE, MI	4322 limestone	3,055
	4331 sand & gravel	35
	4410 iron ore	22
	4782 clay & refrac. mat.	35
	4900 non-metal. min. nec	45
	7110 machinery (not elec)	4
	9900 unknown or nec	57
	<b>Total Tons(x1000)</b>	<b>3,253</b>
PORT GYPSUM, MI	4323 gypsum	467
	6344 corn	7
	<b>Total Tons(x1000)</b>	<b>474</b>
PORT INLAND, MI	4322 limestone	4,624
	4331 sand & gravel	93
	4410 iron ore	22
	<b>Total Tons(x1000)</b>	<b>4,740</b>

## TOLEDO HARBOR, OH

Section Included: Channel in Lake Erie and 7 miles in lower Maumee River. Controlling Depths: 28 feet in the Bay Channel; 27 feet in The River Channel to the Turning Basin opposite the Mid-States Terminals, Inc. dock; thence 14 feet to the Turning Basin at the upper project limits with 13 feet in the Turning Basin; 20 feet in the Turning Basin at mile 3 and 27 feet in the Turning Basin at mile 6.5, project depths: 28 feet in bay and 27 feet in the river channel to the Turning Basin opposite the Mid-States Terminals, Inc. dock; thence 25 feet to the Turning Basin at upstream limits of the project with 18 feet in the Turning Basin; 20 feet in the Turning Basin at mile 3 and 27 feet in Turning Basin at mile 6.5. Navigation season: Approximately March 1 to December 31.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	18,400	1990	14,668
1986	17,819	1991	12,073
1987	16,212	1992	12,722
1988	14,742	1993	12,150
1989	14,806	1994	13,204

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	
							Receipts	Shipments
<b>Total, all commodities</b>	<b>13,204</b>	<b>266</b>	<b>1,042</b>	<b>1,215</b>	<b>3,255</b>	<b>7,426</b>	<b>3,977</b>	<b>3,450</b>
<b>Total coal</b>	<b>5,044</b>	-----	-----	<b>87</b>	<b>1,707</b>	<b>3,251</b>	-----	<b>3,251</b>
1100 coal lignite	4,958	-----	-----	-----	1,707	3,251	-----	3,251
1200 coal coke	87	-----	-----	87	-----	-----	-----	-----
<b>Total petroleum and petroleum products</b>	<b>475</b>	-----	-----	<b>26</b>	<b>85</b>	<b>364</b>	<b>191</b>	<b>173</b>
<b>Subtotal petroleum products</b>	<b>475</b>	-----	-----	<b>26</b>	<b>85</b>	<b>364</b>	<b>191</b>	<b>173</b>
2211 gasoline	5	-----	-----	-----	-----	5	-----	5
2330 distillate fuel oil	31	-----	-----	-----	-----	31	-----	31
2340 residual fuel oil	147	-----	-----	-----	-----	147	11	136
2350 lube oil & greases	26	-----	-----	26	-----	-----	-----	-----
2430 asphalt, tar & pitch	193	-----	-----	-----	13	180	180	-----
2540 petroleum coke	72	-----	-----	-----	72	-----	-----	-----
<b>Total chemicals and related products</b>	<b>178</b>	<b>37</b>	-----	<b>142</b>	-----	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>136</b>	<b>19</b>	-----	<b>117</b>	-----	-----	-----	-----
3110 nitrogenous fert.	15	15	-----	-----	-----	-----	-----	-----
3130 potassic fert.	117	-----	-----	117	-----	-----	-----	-----
3190 fert. & mixes nec	4	4	-----	-----	-----	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>42</b>	<b>18</b>	-----	<b>24</b>	-----	-----	-----	-----
3276 metallic salts	18	18	-----	-----	-----	-----	-----	-----
3292 starches, gluten, glue	24	-----	-----	24	-----	-----	-----	-----
3299 chem. products nec	0	0	-----	-----	-----	-----	-----	-----

TOLEDO HARBOR, OH  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	
							Receipts	Shipments
<b>Total crude materials, inedible except fuels</b>	<b>4,563</b>	<b>55</b>	<b>7</b>	<b>554</b>	<b>219</b>	<b>3,730</b>	<b>3,704</b>	<b>26</b>
<b>Subtotal pulp and waste paper</b>	<b>1</b>	-----	<b>1</b>	-----	-----	-----	-----	-----
4225 pulp & waste paper	1	-----	1	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>292</b>	-----	-----	<b>50</b>	<b>217</b>	<b>25</b>	<b>25</b>	-----
4322 limestone	187	-----	-----	-----	175	12	12	-----
4331 sand & gravel	105	-----	-----	50	42	13	13	-----
<b>Subtotal Iron ore and scrap</b>	<b>3,870</b>	-----	<b>6</b>	<b>342</b>	<b>2</b>	<b>3,520</b>	<b>3,494</b>	<b>26</b>
4410 iron ore	3,852	-----	-----	333	-----	3,520	3,494	26
4420 iron & steel scrap	17	-----	6	10	2	-----	-----	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>	-----	<b>0</b>	-----	-----	-----	-----	-----
4680 non-ferrous scrap	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>55</b>	<b>55</b>	-----	-----	-----	-----	-----	-----
4782 clay & refrac. mat.	55	55	-----	-----	-----	-----	-----	-----
<b>Subtotal slag</b>	<b>45</b>	-----	-----	<b>45</b>	-----	-----	-----	-----
4860 slag	45	-----	-----	45	-----	-----	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>301</b>	-----	-----	<b>117</b>	-----	<b>185</b>	<b>185</b>	-----
4900 non-metal. min. nec	301	-----	-----	117	-----	185	185	-----
<b>Total primary manufactured goods</b>	<b>303</b>	<b>173</b>	<b>1</b>	<b>47</b>	-----	<b>82</b>	<b>82</b>	-----
<b>Subtotal paper products</b>	<b>0</b>	-----	<b>0</b>	-----	-----	-----	-----	-----
5120 paper & paperboard	0	-----	0	-----	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>115</b>	-----	<b>1</b>	<b>33</b>	-----	<b>82</b>	<b>82</b>	-----
5220 cement & concrete	114	-----	-----	33	-----	82	82	-----
5290 misc. mineral prod.	1	-----	1	-----	-----	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>169</b>	<b>154</b>	-----	<b>15</b>	-----	-----	-----	-----
5312 pig iron	6	-----	-----	6	-----	-----	-----	-----
5320 i&s primary forms	9	-----	-----	9	-----	-----	-----	-----
5330 i&s plates & sheets	70	70	-----	-----	-----	-----	-----	-----
5360 i&s bars & shapes	83	83	-----	-----	-----	-----	-----	-----
5370 i&s pipe & tube	0	0	-----	-----	-----	-----	-----	-----
5390 primary i&s nec	1	1	-----	-----	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>19</b>	<b>19</b>	-----	-----	-----	-----	-----	-----
5421 copper	0	0	-----	-----	-----	-----	-----	-----
5429 smelted prod. nec	19	19	-----	-----	-----	-----	-----	-----
5480 fab. metal products	0	0	-----	-----	-----	-----	-----	-----
<b>Subtotal primary wood products</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
5540 primary wood prod.	0	0	-----	-----	-----	-----	-----	-----

TOLEDO HARBOR, OH  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic	
		Imports	Exports	Imports	Exports	Total	Lakewise
						Receipts	Shipments
<b>Total food and farm products</b>	<b>2,639</b>	-----	<b>1,035</b>	<b>360</b>	<b>1,244</b>	-----	-----
<b>Subtotal grain</b>	<b>1,707</b>	-----	<b>485</b>	<b>342</b>	<b>880</b>	-----	-----
6241 wheat	488	-----	8	189	291	-----	-----
6344 corn	1,066	-----	478	-----	589	-----	-----
6443 barley & rye	6	-----	-----	6	-----	-----	-----
6445 oats	147	-----	-----	147	-----	-----	-----
<b>Subtotal oilseeds</b>	<b>902</b>	-----	<b>538</b>	-----	<b>365</b>	-----	-----
6522 soybeans	902	-----	538	-----	365	-----	-----
<b>Subtotal vegetable products</b>	<b>11</b>	-----	<b>11</b>	-----	-----	-----	-----
6653 vegetable oils	11	-----	11	-----	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>18</b>	-----	-----	<b>18</b>	-----	-----	-----
6781 hay & fodder	18	-----	-----	18	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>0</b>	-----	<b>0</b>	-----	-----	-----	-----
6811 meat, fresh, frozen	0	-----	0	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----
7110 machinery (not elec)	1	0	0	-----	-----	-----	-----
7210 vehicles & parts	0	-----	-----	0	-----	-----	-----
7900 manufac. prod. nec	0	-----	0	-----	-----	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	-----	-----	-----	<b>0</b>	-----	-----
9900 unknown or nec	0	-----	-----	-----	0	-----	-----

## KELLEYS ISLAND, OH

Section Included: Entire area of Kelleys Island, OH. Controlling Depth: Unimproved, natural depths unknown.  
 Project depth: Approach channel, 12 feet; Entrance channel, 10 feet; and remainder of channel, 8 to 10 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	5	1990	6
1986	8	1991	503
1987	6	1992	564
1988	18	1993	564
1989	6	1994	521

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise	
		Receipts	Shipments
<b>Total, all commodities</b>	<b>521</b>	<b>1</b>	<b>520</b>
<b>Total petroleum and petroleum products</b>	<b>1</b>	<b>1</b>	-----
<b>Subtotal petroleum products</b>	<b>1</b>	<b>1</b>	-----
2211 gasoline	0	0	-----
2330 distillate fuel oil	0	0	-----
2430 asphalt, tar & pitch	0	0	-----
<b>Total crude materials, inedible except fuels</b>	<b>520</b>	<b>0</b>	<b>520</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>	-----
4189 lumber	0	0	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>520</b>	-----	<b>520</b>
4322 limestone	520	-----	520
<b>Total primary manufactured goods</b>	<b>0</b>	<b>0</b>	-----
<b>Subtotal lime, cement and glass</b>	<b>0</b>	<b>0</b>	-----
5290 misc. mineral prod.	0	0	-----
<b>Total food and farm products</b>	<b>0</b>	<b>0</b>	-----
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>0</b>	-----
6887 groceries	0	0	-----
6889 food products nec	0	0	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	<b>0</b>
7110 machinery (not elec)	0	0	0
7400 manufac. wood prod.	0	0	-----
7900 manufac. prod. nec	0	0	-----
<b>Total waste and scrap nec</b>	<b>0</b>	<b>0</b>	-----
8900 waste and scrap nec	0	0	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	-----
9900 unknown or nec	0	0	-----

## SANDUSKY HARBOR, OH

Section Included: Southeasterly portion of Sandusky Bay to and including passenger docks on Cedar Point.  
 Controlling Depth: Mosely Channel, 26 feet; Bay Channel and Straight Channel from Mosely Channel to junction with Bay Channel, 25.0 feet; Turning basin, 24 feet; Dock channel, 21 feet; Straight channel from dock channel to junction with Bay Channel, 21 feet. Project Depths: Mosely Channel, 26 feet; bay channel and Straight Channel from Mosely Channel to junction with Bay Channel, 25 feet; Turning Basin, 24 feet; Dock channel, 22 feet; and Straight channel from dock channel to junction with Bay Channel, 21 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	4,586	1990	4,600
1986	4,135	1991	4,018
1987	3,319	1992	5,179
1988	4,831	1993	5,176
1989	4,485	1994	5,422

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>5,422</b>	<b>31</b>	<b>3,218</b>	<b>2,173</b>	<b>182</b>	<b>1,990</b>
<b>Total coal</b>	<b>5,069</b>	-----	<b>3,080</b>	<b>1,990</b>	-----	<b>1,990</b>
1100 coal lignite	5,069	-----	3,080	1,990	-----	1,990
<b>Total petroleum and petroleum products</b>	<b>29</b>	-----	<b>29</b>	<b>0</b>	-----	<b>0</b>
<b>Subtotal petroleum products</b>	<b>29</b>	-----	<b>29</b>	<b>0</b>	-----	<b>0</b>
2211 gasoline	0	-----	-----	0	-----	0
2330 distillate fuel oil	0	-----	-----	0	-----	0
2430 asphalt, tar & pitch	0	-----	-----	0	-----	0
2540 petroleum coke	29	-----	29	-----	-----	-----
2640 liquid natural gas	0	-----	-----	0	-----	0
<b>Total chemicals and related products</b>	<b>0</b>	-----	-----	<b>0</b>	<b>0</b>	<b>0</b>
<b>Subtotal fertilizers</b>	<b>0</b>	-----	-----	<b>0</b>	-----	<b>0</b>
3190 fert. & mixes nec	0	-----	-----	0	-----	0
<b>Subtotal other chemicals and related products</b>	<b>0</b>	-----	-----	<b>0</b>	<b>0</b>	-----
3211 acyclic hydrocarbons	0	-----	-----	0	0	-----
<b>Total crude materials, inedible except fuels</b>	<b>294</b>	<b>31</b>	<b>82</b>	<b>182</b>	<b>182</b>	<b>0</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	-----	-----	<b>0</b>	-----	<b>0</b>
4189 lumber	0	-----	-----	0	-----	0
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>216</b>	-----	<b>82</b>	<b>134</b>	<b>134</b>	-----
4322 limestone	42	-----	30	12	12	-----
4323 gypsum	101	-----	-----	101	101	-----
4331 sand & gravel	73	-----	52	21	21	-----
<b>Subtotal iron ore and scrap</b>	<b>31</b>	<b>31</b>	-----	-----	-----	-----
4410 iron ore	31	31	-----	-----	-----	-----

SANDUSKY HARBOR, OH  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Subtotal other non-metal. min.</b>	<b>47</b>	-----	-----	<b>47</b>	<b>47</b>	-----
4900 non-metal. min. nec	47	-----	-----	47	47	-----
<b>Total primary manufactured goods</b>	<b>0</b>	-----	-----	<b>0</b>	-----	<b>0</b>
<b>Subtotal lime, cement and glass</b>	<b>0</b>	-----	-----	<b>0</b>	-----	<b>0</b>
5290 misc. mineral prod.	0	-----	-----	0	-----	0
<b>Subtotal primary iron and steel products</b>	<b>0</b>	-----	-----	<b>0</b>	-----	<b>0</b>
5390 primary i&s nec	0	-----	-----	0	-----	0
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	-----	-----	<b>0</b>	-----	<b>0</b>
5480 fab. metal products	0	-----	-----	0	-----	0
<b>Total food and farm products</b>	<b>28</b>	-----	<b>27</b>	<b>1</b>	<b>0</b>	<b>0</b>
<b>Subtotal grain</b>	<b>8</b>	-----	<b>8</b>	-----	-----	-----
6344 corn	8	-----	8	-----	-----	-----
<b>Subtotal oilseeds</b>	<b>19</b>	-----	<b>19</b>	-----	-----	-----
6522 soybeans	19	-----	19	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>1</b>	-----	-----	<b>1</b>	<b>0</b>	<b>0</b>
6857 fruit & nuts nec	0	-----	-----	0	0	-----
6887 groceries	0	-----	-----	0	-----	0
6889 food products nec	0	-----	-----	0	-----	0
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	-----	-----	<b>0</b>	<b>0</b>	<b>0</b>
7110 machinery (not elec)	0	-----	-----	0	0	0
7400 manufac. wood prod.	0	-----	-----	0	-----	0
<b>Total waste and scrap nec</b>	<b>0</b>	-----	-----	<b>0</b>	<b>0</b>	<b>0</b>
8900 waste and scrap nec	0	-----	-----	0	0	0
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	-----	-----	<b>0</b>	-----	<b>0</b>
9900 unknown or nec	0	-----	-----	0	-----	0

## HURON HARBOR, OH

Section Included: Lake approach channel from deep water to a point opposite the outer end of east breakwater; Entrance channel from its junction with the approach channel to its junction with the River Channel; River channel and turning basin to within 1,500 feet of the Penn Central Railroad Bridge. Controlling Depths: Lake approach and entrance channel, 27.5 feet; river channel, 27 feet; Turning Basin, 21 feet. Project Depths: Lake approach and entrance channels, 29 feet; river channel to Slip No. 1, 28 feet; from Slip No. 1 through eastern portion of the Turning Basin, 28 feet; Turning Basin, 22 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	1,950	1990	565
1986	263	1991	524
1987	529	1992	618
1988	523	1993	529
1989	590	1994	871

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic
		Imports	Exports	Lakewise Receipts
<b>Total, all commodities</b>	<b>871</b>	<b>41</b>	<b>64</b>	<b>766</b>
<b>Total crude materials, inedible except fuels</b>	<b>793</b>	<b>28</b>	-----	<b>766</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>568</b>	-----	-----	<b>568</b>
4322 limestone	568	-----	-----	568
<b>Subtotal iron ore and scrap</b>	<b>226</b>	<b>28</b>	-----	<b>198</b>
4410 iron ore	226	28	-----	198
<b>Total food and farm products</b>	<b>77</b>	<b>13</b>	<b>64</b>	-----
<b>Subtotal grain</b>	<b>77</b>	<b>13</b>	<b>64</b>	-----
6344 corn	64	-----	64	-----
6445 oats	13	13	-----	-----



## LORAIN HARBOR, OH

Section Included: Outer Harbor and Black River from mouth to and including United States Steel Corp., National Tube Division dock, 3 miles. Controlling Depths: Lake Approach Channel, 27.0 feet; A channel 800 feet wide through the Outer Harbor, 27 feet; remainder of Outer Harbor, 25 feet; lower 2,200 feet of River Channel, 25 feet; remainder of River Channel 24 feet except Turning Basin just downstream of the 21st Street Bridge which is 12 to 19 feet and the returning Basin opposite the U. S. Steel Corp., National Tube Division which is 12 to 20 feet. Project Depths: Lake Approach Channel, 29 feet; a channel 800 feet wide through the Outer Harbor, 28 feet; remainder of Outer Harbor, 25 feet; lower 2,200 feet of River Channel, 28 feet; remainder of River Channel, 27 feet; except Turning Basin downstream of 21st Street Bridge, 20 feet and turning basin opposite U. S. Steel Corp., National Tube Division Dock, 21 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	9,426	1990	13,967
1986	11,427	1991	13,632
1987	14,372	1992	13,282
1988	17,476	1993	13,677
1989	14,568	1994	14,748

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian Imports	Domestic		
			Total	Lakewise Receipts	Shipments
<b>Total, all commodities</b>	<b>14,748</b>	<b>70</b>	<b>14,678</b>	<b>8,873</b>	<b>5,806</b>
<b>Total chemicals and related products</b>	<b>29</b>	<b>29</b>	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>29</b>	<b>29</b>	-----	-----	-----
3130 potassic fert.	29	29	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>14,719</b>	<b>41</b>	<b>14,678</b>	<b>8,873</b>	<b>5,806</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>622</b>	-----	<b>622</b>	<b>587</b>	<b>34</b>
4322 limestone	368	-----	368	368	-----
4323 gypsum	219	-----	219	219	-----
4331 sand & gravel	34	-----	34	-----	34
<b>Subtotal iron ore and scrap</b>	<b>14,025</b>	<b>41</b>	<b>13,984</b>	<b>8,265</b>	<b>5,718</b>
4410 iron ore	14,013	29	13,984	8,265	5,718
4420 iron & steel scrap	12	12	-----	-----	-----
<b>Subtotal slag</b>	<b>53</b>	-----	<b>53</b>	-----	<b>53</b>
4860 slag	53	-----	53	-----	53
<b>Subtotal other non-metal. min.</b>	<b>20</b>	-----	<b>20</b>	<b>20</b>	-----
4900 non-metal. min. nec	20	-----	20	20	-----

## CLEVELAND HARBOR, OH

Section Included: Outer Harbor, Old River and Cuyahoga River from mouth to and including Upper Republic Steel Corp. Dock, immediately downstream from Norfolk & Western Railway Bridge, 5.8 miles. Controlling Depth: Lake Approach Channel, 29 feet; entrance channel, West Basin and westerly 800 feet of East Basin, 28 feet; easterly 3800-foot length of East Basin, 27 feet; 500-foot channel through East Outer Harbor, 25 feet; channel between piers to Conrail Railroad Bridge, 27.0 feet; channel in Cuyahoga River from Penn Central Railroad to upper project limit, 22 feet; Turning Basin upstream from E.I. Dupont De Nemours And Company, Inc., Grasselli Chemical Division Dock, 19.5 feet; Old River to Sand Products Corporation Dock, 23 feet; remainder of Old River to upper project limit, 14 feet. Project Depth: Lake Approach Channel, 29 feet; West Basin, entrance channel and west end of East Basin, 28 feet; remaining 3800-foot length of East Basin, 27 feet; 500-Foot Channel through East Outer Harbor, 25 feet; lower Cuyahoga River from lakeward ends of the piers to immediately above junction with Old River, 27 feet; Old River to upper project limit, 27 feet; remainder of Cuyahoga River, 23 feet; Turning Basin upstream from E.I. Dupont De Nemours & Co., Grasselli Chemical Division Dock, 18 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	13,767	1990	14,368
1986	12,188	1991	13,406
1987	13,914	1992	13,654
1988	14,551	1993	14,083
1989	14,688	1994	15,284

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic			
		Imports	Exports	Imports	Exports	Total	Lakewise	Internal	
						Receipts	Shipments	Intraport	
<b>Total, all commodities</b>	<b>15,284</b>	<b>901</b>	<b>12</b>	<b>1,839</b>	<b>304</b>	<b>12,228</b>	<b>11,423</b>	<b>787</b>	<b>19</b>
<b>Total coal</b>	<b>88</b>	-----	-----	-----	-----	<b>88</b>	<b>14</b>	<b>73</b>	-----
1100 coal lignite	24	-----	-----	-----	-----	24	14	10	-----
1200 coal coke	63	-----	-----	-----	-----	63	-----	63	-----
<b>Total petroleum and petroleum products</b>	<b>481</b>	<b>5</b>	<b>12</b>	<b>95</b>	<b>12</b>	<b>358</b>	<b>351</b>	<b>2</b>	<b>4</b>
<b>Subtotal petroleum products</b>	<b>481</b>	<b>5</b>	<b>12</b>	<b>95</b>	<b>12</b>	<b>358</b>	<b>351</b>	<b>2</b>	<b>4</b>
2330 distillate fuel oil	19	-----	-----	13	-----	6	6	-----	-----
2340 residual fuel oil	241	-----	-----	81	-----	159	157	2	-----
2350 lube oil & greases	1	-----	-----	-----	1	-----	-----	-----	-----
2430 asphalt, tar & pitch	220	5	12	-----	12	192	188	-----	4

CLEVELAND HARBOR, OH  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	
							Receipts	Shipments
								Internal Intraport
<b>Total chemicals and related products</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
3275 inorg.	0	0	-----	-----	-----	-----	-----	-----
elem., oxides, & halogen salts								
3286 plastics	0	0	0	-----	-----	-----	-----	-----
3299 chem. products nec	0	0	-----	-----	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>12,967</b>	<b>28</b>	-----	<b>1,181</b>	<b>292</b>	<b>11,466</b>	<b>10,740</b>	<b>711</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
4189 lumber	0	0	-----	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,516</b>	-----	-----	<b>418</b>	-----	<b>3,098</b>	<b>3,098</b>	-----
4322 limestone	2,972	-----	-----	-----	-----	2,972	2,972	-----
4331 sand & gravel	545	-----	-----	418	-----	126	126	-----
<b>Subtotal iron ore and scrap</b>	<b>8,228</b>	<b>28</b>	-----	<b>579</b>	-----	<b>7,622</b>	<b>7,607</b>	<b>15</b>
4410 iron ore	8,228	28	-----	579	-----	7,622	7,607	15
<b>Subtotal sulphur, clay and salt</b>	<b>219</b>	-----	-----	<b>184</b>	-----	<b>35</b>	<b>35</b>	-----
4782 clay & refrac. mat.	219	-----	-----	184	-----	35	35	-----
<b>Subtotal slag</b>	<b>66</b>	-----	-----	<b>0</b>	-----	<b>66</b>	-----	<b>66</b>
4860 slag	66	-----	-----	0	-----	66	-----	66
<b>Subtotal other non-metal. min.</b>	<b>937</b>	-----	-----	-----	<b>292</b>	<b>645</b>	-----	<b>645</b>
4900 non-metal. min. nec	937	-----	-----	-----	292	645	-----	645
<b>Total primary manufactured goods</b>	<b>1,744</b>	<b>865</b>	-----	<b>563</b>	-----	<b>317</b>	<b>317</b>	-----
<b>Subtotal lime, cement and glass</b>	<b>880</b>	-----	-----	<b>563</b>	-----	<b>317</b>	<b>317</b>	-----
5220 cement & concrete	880	-----	-----	563	-----	317	317	-----

CLEVELAND HARBOR, OH  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign		Canadian		Domestic		
		Imports	Exports	Imports	Exports	Total	Lakewise	Internal
							Receipts Shipments	Intraport
<b>Subtotal primary iron and steel products</b>	<b>860</b>	<b>860</b>	-----	-----	-----	-----	-----	-----
5315 ferro alloys	6	6	-----	-----	-----	-----	-----	-----
5320 i&s primary forms	141	141	-----	-----	-----	-----	-----	-----
5330 i&s plates & sheets	647	647	-----	-----	-----	-----	-----	-----
5360 i&s bars & shapes	59	59	-----	-----	-----	-----	-----	-----
5370 i&s pipe & tube	5	5	-----	-----	-----	-----	-----	-----
5390 primary i&s nec	3	3	-----	-----	-----	-----	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>4</b>	<b>4</b>	-----	-----	-----	-----	-----	-----
5422 aluminum	0	0	-----	-----	-----	-----	-----	-----
5429 smelted prod. nec	1	1	-----	-----	-----	-----	-----	-----
5480 fab. metal products	4	4	-----	-----	-----	-----	-----	-----
<b>Total food and farm products</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
6835 fish, prepared	0	0	-----	-----	-----	-----	-----	-----
6885 alcoholic beverages	0	0	-----	-----	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>4</b>	<b>4</b>	<b>0</b>	-----	-----	-----	-----	-----
7110 machinery (not elec)	4	4	0	-----	-----	-----	-----	-----
7120 electrical machinery	0	0	0	-----	-----	-----	-----	-----
7210 vehicles & parts	0	0	-----	-----	-----	-----	-----	-----
7500 textile products	0	-----	0	-----	-----	-----	-----	-----
7900 manufac. prod. nec	0	0	-----	-----	-----	-----	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----	-----
9900 unknown or nec	0	0	-----	-----	-----	-----	-----	-----

## FAIRPORT HARBOR, OH

Section Included: Outer harbor and Grand River from mouth to and including Diamond Alkali Company Stone Dock, 1.5 miles. Controlling Depths: Entrance Channel, 24 feet; Outer Harbor, 24.0 feet; Grand River to upstream of Republic Steel, 19.0 feet; remaining length of Grand River to the upper project limit, 19 feet; except for 1,000 feet of the upstream end of the west side of the channel, 5 feet; Turning Basin, 15 feet. Maintenance Depths: Entrance channel and outer harbor, 25 feet; Grand River to upstream of Republic Steel, 24 feet; remaining length of Grand River to the upper project limits, 21 feet; Turning Basin, 18 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	2,318	1990	2,320
1986	2,493	1991	2,052
1987	2,077	1992	2,613
1988	2,212	1993	2,403
1989	2,634	1994	2,955

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian Exports	Domestic		
			Total	Lakewise	
				Receipts	Shipments
<b>Total, all commodities</b>	<b>2,955</b>	<b>234</b>	<b>2,721</b>	<b>2,141</b>	<b>580</b>
<b>Total crude materials, inedible except fuels</b>	<b>2,955</b>	<b>234</b>	<b>2,721</b>	<b>2,141</b>	<b>580</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,145</b>	<b>4</b>	<b>2,141</b>	<b>2,141</b>	<b>-----</b>
4322 limestone	2,000	-----	2,000	2,000	-----
4331 sand & gravel	145	4	141	141	-----
<b>Subtotal other non-metal. min.</b>	<b>810</b>	<b>230</b>	<b>580</b>	<b>-----</b>	<b>580</b>
4900 non-metal. min. nec	810	230	580	-----	580

## ASHTABULA HARBOR, OH

Section Included: Outer harbor and Ashtabula River from mouth to and including city of Ashtabula Dock (Former Great Lakes Engineering Works Dock), 1.75 miles. Controlling Depth: Westerly portion of outer harbor to inner breakwater & approach channel to docks east of inner breakwater, 26.0 feet turning basin in front of inner breakwater 21.5 feet; the approach to the Penn. Central Railroad Company's slip and the lower 2,000 feet of the Ashtabula River, 23 feet; thence to car ferry slip, 10 feet; thence to a point 1,550 feet upstream from Turning Basin and including Turning Basin, 3 feet. Project Depth: Entrance channel, 29 feet; westerly portion of outer harbor to inner breakwater, 28 feet; Approach Channel to docks east of inner breakwater, 28 feet; Turning basin in the easterly portion of the outer harbor, 22 feet; channel from inside the Inner Breakwater to mouth of river and 2,000 feet upstream and approach channel to Penn. Central Railroad Slip, 27 feet; thence to car ferry slip, 18 feet; thence to a point 1,550 feet upstream from turning basin and including turning basin, 16 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	7,039	1990	11,852
1986	7,164	1991	10,638
1987	8,888	1992	10,519
1988	10,335	1993	8,979
1989	10,322	1994	10,368

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Imports	Imports	Exports	Total	Lakewise	
						Receipts	Shipments
<b>Total, all commodities</b>	<b>10,368</b>	<b>215</b>	<b>462</b>	<b>2,387</b>	<b>7,304</b>	<b>4,772</b>	<b>2,532</b>
<b>Total coal</b>	<b>4,943</b>	-----	<b>17</b>	<b>2,322</b>	<b>2,604</b>	<b>72</b>	<b>2,532</b>
1100 coal lignite	4,896	-----	-----	2,291	2,604	72	2,532
1200 coal coke	47	-----	17	30	-----	-----	-----
<b>Total petroleum and petroleum products</b>	<b>39</b>	-----	-----	<b>39</b>	-----	-----	-----
<b>Subtotal petroleum products</b>	<b>39</b>	-----	-----	<b>39</b>	-----	-----	-----
2540 petroleum coke	39	-----	-----	39	-----	-----	-----
<b>Total chemicals and related products</b>	<b>27</b>	-----	<b>27</b>	-----	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>27</b>	-----	<b>27</b>	-----	-----	-----	-----
3130 potassic fert.	27	-----	27	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>5,360</b>	<b>215</b>	<b>419</b>	<b>27</b>	<b>4,700</b>	<b>4,700</b>	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>667</b>	-----	-----	-----	<b>667</b>	<b>667</b>	-----
4322 limestone	667	-----	-----	-----	667	667	-----
<b>Subtotal iron ore and scrap</b>	<b>4,397</b>	-----	<b>377</b>	<b>27</b>	<b>3,992</b>	<b>3,992</b>	-----
4410 iron ore	4,397	-----	377	27	3,992	3,992	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>246</b>	<b>214</b>	<b>32</b>	-----	-----	-----	-----
4680 non-ferrous scrap	185	155	30	-----	-----	-----	-----
4690 non-ferrous ores nec	61	58	2	-----	-----	-----	-----

ASHTABULA HARBOR, OH  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Imports	Imports	Exports	Total	Lakewise	
						Receipts	Shipments
<b>Subtotal sulphur, clay and salt</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
4782 clay & refrac. mat.	0	0	-----	-----	-----	-----	-----
<b>Subtotal slag</b>	<b>10</b>	-----	<b>10</b>	-----	-----	-----	-----
4860 slag	10	-----	10	-----	-----	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>41</b>	<b>1</b>	-----	-----	<b>40</b>	<b>40</b>	-----
4900 non-metal. min. nec	41	1	-----	-----	40	40	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
7900 manufac. prod. nec	0	0	-----	-----	-----	-----	-----

CONNEAUT HARBOR, OH

Section Included: Outer harbor and Conneaut River 2,450 feet upstream of the outer end of the West Pier.  
Controlling Depth: Westerly portion of outer harbor, 20.5 feet; access channel to city dock, 7.5 feet; easterly portion of outer harbor 23 feet. Inner Harbor, 28.5 feet; Project Depth: Easterly portion of outer harbor, 28 feet; westerly portion of outer harbor, 22 feet; access channel to city dock 8 feet. Inner Harbor, 27 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	9,148	1990	9,567
1986	7,675	1991	6,336
1987	7,047	1992	6,540
1988	10,220	1993	3,534
1989	8,890	1994	5,655

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Total, all commodities</b>	<b>5,655</b>	<b>31</b>	<b>2,293</b>	<b>3,331</b>	<b>2,266</b>	<b>1,065</b>
<b>Total coal</b>	<b>3,343</b>	-----	<b>2,228</b>	<b>1,115</b>	<b>73</b>	<b>1,042</b>
1100 coal lignite	3,136	-----	2,085	1,051	10	1,042
1200 coal coke	207	-----	143	63	63	-----
<b>Total petroleum and petroleum products</b>	<b>32</b>	-----	<b>32</b>	-----	-----	-----
<b>Subtotal petroleum products</b>	<b>32</b>	-----	<b>32</b>	-----	-----	-----
2540 petroleum coke	32	-----	32	-----	-----	-----

CONNEAUT HARBOR, OH  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Canadian		Domestic		
		Imports	Exports	Total	Lakewise	
					Receipts	Shipments
<b>Total crude materials, inedible except fuels</b>	<b>2,279</b>	<b>31</b>	<b>32</b>	<b>2,216</b>	<b>2,192</b>	<b>24</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>683</b>	-----	-----	<b>683</b>	<b>683</b>	-----
4322 limestone	601	-----	-----	601	601	-----
4323 gypsum	82	-----	-----	82	82	-----
<b>Subtotal iron ore and scrap</b>	<b>1,573</b>	<b>31</b>	<b>32</b>	<b>1,509</b>	<b>1,509</b>	-----
4410 iron ore	1,545	31	32	1,481	1,481	-----
4420 iron & steel scrap	28	-----	-----	28	28	-----
<b>Subtotal slag</b>	<b>24</b>	-----	-----	<b>24</b>	-----	<b>24</b>
4860 slag	24	-----	-----	24	-----	24

ERIE HARBOR, PA

Section Included: Southerly side of Erie Harbor and Lake Erie water frontage from harbor entrance eastward to and including Sun Oil Co dock, 3.5 miles. Controlling Depth: Entrance channel, 29 feet; channel to easterly coal and ore docks, 27 feet; and 27 feet to the Port Authority Dock; harbor basin, 21 feet; westerly portion of harbor, 18 feet. Project Depth: Entrance channel, 29 feet; Approach Channel to easterly coal and ore docks, 28 feet; approach to Port Authority Docks, 27 feet; Harbor Basin, 21 feet; westerly portion of Harbor Basin, 18 feet. The approach channel from the 28 foot channel to and including turning basin at westerly docks has been authorized, but never completed and considered inactive at the present time.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	966	1990	811
1986	834	1991	1,008
1987	971	1992	1,247
1988	1,002	1993	1,160
1989	734	1994	979

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Canadian	Domestic
		Imports	Lakewise Receipts
<b>Total, all commodities</b>	<b>979</b>	<b>132</b>	<b>846</b>
<b>Total crude materials, inedible except fuels</b>	<b>974</b>	<b>128</b>	<b>846</b>
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>821</b>	<b>90</b>	<b>731</b>
4322 limestone	491	-----	491
4331 sand & gravel	330	90	240
<b>Subtotal sulphur, clay and salt</b>	<b>38</b>	<b>38</b>	-----
4782 clay & refrac. mat.	38	38	-----
<b>Subtotal other non-metal. min.</b>	<b>115</b>	-----	<b>115</b>
4900 non-metal. min. nec	115	-----	115



ERIE HARBOR, PA  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Canadian	Domestic
		Imports	Lakewise Receipts
<b>Total primary manufactured goods</b>	<b>4</b>	<b>4</b>	-----
<b>Subtotal primary iron and steel products</b>	<b>4</b>	<b>4</b>	-----
5312 pig iron	4	4	-----

DUNKIRK HARBOR, NY

Section Included: City water frontage protected by west pier and breakwater west of Elk Street. Controlling depth: Entrance channel in lake, 17 feet; inner channel and basin, 16 feet. Project Depth: Entrance channel in lake, 17 feet; inner channel and basin, 16 feet. Navigation season: Opened 29 March; closed 18 December.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	0	1990	0
1986	0	1991	0
1987	0	1992	0
1988	0	1993	20
1989	0	<b>1994</b>	<b>361</b>

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Lakewise Receipts
<b>Total, all commodities</b>	<b>361</b>	<b>361</b>
<b>Total coal</b>	<b>361</b>	<b>361</b>
1100 coal lignite	361	361

## BUFFALO HARBOR, NY (INCLUDED IN PORT OF BUFFALO)

Section Included: Outer harbor, Lackawanna Canal, Union Canal. Buffalo River from mouth to Conrail R. Y. Bridge, 5.5 miles. Buffalo Ship Canal, and Black Rock Lock Canal to the Black Rock Lock. Controlling Depths: Outer area of south entrance channel, 30 feet; south entrance channel 29.0 feet; southern portion of outer harbor, 28 feet; 900 feet wide section adjacent to the south breakwater beginning 2,000 feet north of the south breakwater and proceeding northerly 4,200 feet, 23 feet; thence 27 feet to the International Salt Company and 23 feet in the remainder of the outer harbor to the north; new north entrance channel, 25 feet; Black Rock Canal, 21 feet; Buffalo River Entrance, Buffalo River and Buffalo Ship Canal, 22 feet. Project Depth: Outer area of south entrance channel, 30 feet; south entrance channel 29 feet; southern portion of outer harbor, 28 feet; 900 feet wide section adjacent to the south breakwater beginning 2,000 feet north of the south breakwater and proceeding northerly 4,200 feet, 23 feet. Middle section of the outer harbor, 27 feet; north outer harbor, 23 feet; north entrance channel, 25 feet; Buffalo River entrance, Buffalo River and Buffalo Ship Canal, 22 feet. Black Rock Canal, 21 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	1,400	1990	2,002
1986	1,464	1991	1,471
1987	1,103	1992	1,803
1988	1,335	1993	1,539
1989	1,564	1994	1,399

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Exports	Imports	Exports	Total	Lakewise	
						Receipts	Shipments
<b>Total, all commodities</b>	<b>1,399</b>	<b>1</b>	<b>399</b>	<b>58</b>	<b>940</b>	<b>897</b>	<b>44</b>
<b>Total coal</b>	<b>46</b>	-----	-----	-----	<b>46</b>	<b>22</b>	<b>24</b>
1100 coal lignite	22	-----	-----	-----	22	22	-----
1200 coal coke	24	-----	-----	-----	24	-----	24
<b>Total petroleum and petroleum products</b>	<b>40</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>26</b>	<b>6</b>	<b>20</b>
<b>Subtotal petroleum products</b>	<b>40</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>26</b>	<b>6</b>	<b>20</b>
2211 gasoline	3	-----	-----	-----	3	3	-----
2330 distillate fuel oil	4	-----	-----	-----	4	4	-----
2340 residual fuel oil	6	-----	6	-----	-----	-----	-----
2350 lube oil & greases	0	0	-----	-----	-----	-----	-----
2430 asphalt, tar & pitch	20	-----	-----	-----	20	-----	20
2540 petroleum coke	8	-----	-----	8	-----	-----	-----
<b>Total chemicals and related products</b>	<b>2</b>	<b>0</b>	-----	<b>2</b>	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>2</b>	<b>0</b>	-----	<b>2</b>	-----	-----	-----
3219 other hydrocarbons	0	-----	-----	0	-----	-----	-----
3230 carboxylic acids	0	-----	-----	0	-----	-----	-----
3240 nitrogen func. comp.	0	0	-----	0	-----	-----	-----
3276 metallic salts	2	-----	-----	2	-----	-----	-----
3279 inorganic chem. nec	0	0	-----	-----	-----	-----	-----

BUFFALO HARBOR, NY (INCLUDED IN PORT OF BUFFALO)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic	
		Exports	Imports	Exports	Total Receipts	Lakewise Shipments
3282 pigments & paints	0	0				
3286 plastics	0	0				
3291 pesticides	0			0		
3299 chem. products nec	0	0				
<b>Total crude materials, inedible except fuels</b>	<b>408</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>383</b>	<b>383</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>				
4189 lumber	0	0				
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>0</b>				
4225 pulp & waste paper	0	0				
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>194</b>	<b>0</b>			<b>194</b>	<b>194</b>
4322 limestone	141				141	141
4331 sand & gravel	54	0			54	54
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>			<b>0</b>		
4690 non-ferrous ores nec	0			0		
<b>Subtotal other non-metal. min.</b>	<b>213</b>		<b>24</b>		<b>189</b>	<b>189</b>
4900 non-metal. min. nec	213		24		189	189
<b>Total primary manufactured goods</b>	<b>138</b>	<b>1</b>	<b>106</b>	<b>20</b>	<b>12</b>	<b>12</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>0</b>		<b>0</b>		
5120 paper & paperboard	0			0		
5190 paper products nec	0	0		0		
<b>Subtotal lime, cement and glass</b>	<b>118</b>	<b>0</b>	<b>106</b>		<b>12</b>	<b>12</b>
5220 cement & concrete	118		106		12	12
5240 glass & glass prod.	0		0			
5290 misc. mineral prod.	0	0				
<b>Subtotal primary Iron and steel products</b>	<b>20</b>	<b>1</b>		<b>20</b>		
5320 i&s primary forms	20			20		
5330 i&s plates & sheets	0	0		0		
5360 i&s bars & shapes	0	0				
5370 i&s pipe & tube	1	1				
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>0</b>				
5421 copper	0	0				
5480 fab. metal products	0	0				
<b>Total food and farm products</b>	<b>759</b>	<b>0</b>	<b>262</b>	<b>23</b>	<b>473</b>	<b>473</b>
<b>Subtotal fish</b>	<b>0</b>			<b>0</b>		
6136 shellfish	0			0		
<b>Subtotal grain</b>	<b>758</b>		<b>262</b>	<b>23</b>	<b>473</b>	<b>473</b>
6241 wheat	736		262		473	473
6344 corn	23			23		
6442 rice	0			0		
<b>Subtotal vegetable products</b>	<b>0</b>			<b>0</b>		
6654 vegetables & prod.	0			0		

**BUFFALO HARBOR, NY (INCLUDED IN PORT OF BUFFALO)**  
**Freight Traffic, 1994 - continued**  
**(thousand tons)**

Commodity	Grand Total	Foreign	Canadian		Domestic	
		Exports	Imports	Exports	Total	Lakewise
					Receipts	Shipments
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----
6857 fruit & nuts nec	0	-----	-----	0	-----	-----
6858 fruit juices	0	-----	-----	0	-----	-----
6885 alcoholic beverages	0	-----	0	-----	-----	-----
6889 food products nec	0	0	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	-----	-----
7110 machinery (not elec)	5	0	-----	4	-----	-----
7120 electrical machinery	0	0	0	0	-----	-----
7210 vehicles & parts	0	0	0	-----	-----	-----
7220 aircraft & parts	0	0	-----	-----	-----	-----
7500 textile products	0	0	0	-----	-----	-----
7600 rubber & plastic pr.	0	0	0	0	-----	-----
7900 manufac. prod. nec	0	0	-----	0	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	-----	<b>0</b>	<b>0</b>	-----	-----
9900 unknown or nec	0	-----	0	0	-----	-----

**NIAGARA RIVER, NY (INCLUDED IN PORT OF BUFFALO)**

Section Included: Black Rock Channel north of the Black Rock Lock and Niagara River to and including American Oil Co. dock, 0.5 mile south of the Tonawanda city line, the northern limit of the Niagara River section of the Port of Buffalo. Controlling and Project Depths: 21 feet.

**Comparative Statement of Traffic**  
**(thousand tons)**

Year	Total	Year	Total
1985	405	1990	560
1986	201	1991	284
1987	342	1992	670
1988	196	1993	570
1989	581	1994	286

**Freight Traffic, 1994**  
**(thousand tons)**

Commodity	Grand Total	Canadian	Domestic
		Through Downbnd	Lakewise Receipts
<b>Total, all commodities</b>	<b>286</b>	<b>9</b>	<b>277</b>
<b>Total coal</b>	<b>182</b>	-----	<b>182</b>
1100 coal lignite	182	-----	182

**NIAGARA RIVER, NY (INCLUDED IN PORT OF BUFFALO)**  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Grand Total	Canadian	Domestic
		Through Downbnd	Lakewise Receipts
<b>Total petroleum and petroleum products</b>	<b>104</b>	<b>9</b>	<b>95</b>
<b>Subtotal petroleum products</b>	<b>104</b>	<b>9</b>	<b>95</b>
2211 gasoline	9	9	
2430 asphalt, tar & pitch	95		95
<b>Ton-miles (x1000)</b>	<b>2,059</b>	<b>121</b>	<b>1,938</b>
<b>Tons All Traffic (x1000)</b>	<b>286</b>		
<b>Ton-miles All Traffic (x1000)</b>	<b>2,059</b>		

**PORT OF BUFFALO, NY**

Section Included: Outer harbor, Lackawanna Canal, Union Canal, Buffalo River from mouth to Conrail RY Bridge 5.5 miles, Buffalo Ship Canal, Black Rock Canal, Black Rock Lock, Black Rock Channel, Niagara River, and Tonawanda to and including Buffalo Oil Terminal, Inc. Dock, located about 2,000 feet north of turning basin, Tonawanda inner Harbor, and Tonawanda Creek Channel from mouth to Main Street Bridge. Controlling and Project Depths: See Buffalo Harbor, Niagara River and Tonawanda.

Comparative Statement of Traffic  
 (thousand tons)

Year	Total	Year	Total
1985	1,784	1990	2,563
1986	1,628	1991	1,895
1987	1,423	1992	2,473
1988	1,335	1993	2,109
1989	2,145	1994	1,685

Freight Traffic, 1994  
 (thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Exports	Imports	Exports	Total	Lakewise Receipts	Shipments
<b>Total, all commodities</b>	<b>1,685</b>	<b>1</b>	<b>408</b>	<b>58</b>	<b>1,217</b>	<b>1,174</b>	<b>44</b>
<b>Total coal</b>	<b>228</b>				<b>228</b>	<b>204</b>	<b>24</b>
1100 coal lignite	204				204	204	
1200 coal coke	24				24		24
<b>Total petroleum and petroleum products</b>	<b>145</b>	<b>0</b>	<b>15</b>	<b>8</b>	<b>121</b>	<b>101</b>	<b>20</b>
<b>Subtotal petroleum products</b>	<b>145</b>	<b>0</b>	<b>15</b>	<b>8</b>	<b>121</b>	<b>101</b>	<b>20</b>
2211 gasoline	12		9		3	3	
2330 distillate fuel oil	4				4	4	
2340 residual fuel oil	6		6				

PORT OF BUFFALO, NY  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic	
		Exports	Imports	Exports	Total	Lakewise
					Receipts	Shipments
2350 lube oil & greases	0	0				
2430 asphalt, tar & pitch	115				115	95
2540 petroleum coke	8			8		
<b>Total chemicals and related products</b>	<b>2</b>	<b>0</b>		<b>2</b>		
<b>Subtotal other chemicals and related products</b>	<b>2</b>	<b>0</b>		<b>2</b>		
3219 other hydrocarbons	0			0		
3230 carboxylic acids	0			0		
3240 nitrogen func. comp.	0	0		0		
3276 metallic salts	2			2		
3279 inorganic chem. nec	0	0				
3282 pigments & paints	0	0				
3286 plastics	0	0				
3291 pesticides	0			0		
3299 chem. products nec	0	0				
<b>Total crude materials, inedible except fuels</b>	<b>408</b>	<b>0</b>	<b>24</b>	<b>0</b>	<b>383</b>	<b>383</b>
<b>Subtotal forest products, wood and chips</b>	<b>0</b>	<b>0</b>				
4189 lumber	0	0				
<b>Subtotal pulp and waste paper</b>	<b>0</b>	<b>0</b>				
4225 pulp & waste paper	0	0				
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>194</b>	<b>0</b>			<b>194</b>	<b>194</b>
4322 limestone	141				141	141
4331 sand & gravel	54	0			54	54
<b>Subtotal non-ferrous ores and scrap</b>	<b>0</b>			<b>0</b>		
4690 non-ferrous ores nec	0			0		
<b>Subtotal other non-metal. min.</b>	<b>213</b>		<b>24</b>		<b>189</b>	<b>189</b>
4900 non-metal. min. nec	213		24		189	189
<b>Total primary manufactured goods</b>	<b>138</b>	<b>1</b>	<b>106</b>	<b>20</b>	<b>12</b>	<b>12</b>
<b>Subtotal paper products</b>	<b>0</b>	<b>0</b>		<b>0</b>		
5120 paper & paperboard	0			0		
5190 paper products nec	0	0		0		
<b>Subtotal lime, cement and glass</b>	<b>118</b>	<b>0</b>	<b>106</b>		<b>12</b>	<b>12</b>
5220 cement & concrete	118		106		12	12
5240 glass & glass prod.	0		0			
5290 misc. mineral prod.	0	0				
<b>Subtotal primary iron and steel products</b>	<b>20</b>	<b>1</b>		<b>20</b>		
5320 i&s primary forms	20			20		
5330 i&s plates & sheets	0	0		0		
5360 i&s bars & shapes	0	0				
5370 i&s pipe & tube	1	1				

PORT OF BUFFALO, NY  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Exports	Imports	Exports	Total	Lakewise	
						Receipts	Shipments
<b>Subtotal primary non-ferrous metal products</b>	<b>0</b>	<b>0</b>	-----	-----	-----	-----	-----
5421 copper	0	0	-----	-----	-----	-----	-----
5480 fab. metal products	0	0	-----	-----	-----	-----	-----
<b>Total food and farm products</b>	<b>759</b>	<b>0</b>	<b>262</b>	<b>23</b>	<b>473</b>	<b>473</b>	-----
<b>Subtotal fish</b>	<b>0</b>	-----	-----	<b>0</b>	-----	-----	-----
6136 shellfish	0	-----	-----	0	-----	-----	-----
<b>Subtotal grain</b>	<b>758</b>	-----	<b>262</b>	<b>23</b>	<b>473</b>	<b>473</b>	-----
6241 wheat	736	-----	262	-----	473	473	-----
6344 corn	23	-----	-----	23	-----	-----	-----
6442 rice	0	-----	-----	0	-----	-----	-----
<b>Subtotal vegetable products</b>	<b>0</b>	-----	-----	<b>0</b>	-----	-----	-----
6654 vegetables & prod.	0	-----	-----	0	-----	-----	-----
<b>Subtotal other agricultural products</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	-----	-----	-----
6857 fruit & nuts nec	0	-----	-----	0	-----	-----	-----
6858 fruit juices	0	-----	-----	0	-----	-----	-----
6885 alcoholic beverages	0	-----	0	-----	-----	-----	-----
6889 food products nec	0	0	-----	-----	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>	-----	-----	-----
7110 machinery (not elec)	5	0	-----	4	-----	-----	-----
7120 electrical machinery	0	0	0	0	-----	-----	-----
7210 vehicles & parts	0	0	0	-----	-----	-----	-----
7220 aircraft & parts	0	0	-----	-----	-----	-----	-----
7500 textile products	0	0	0	-----	-----	-----	-----
7600 rubber & plastic pr.	0	0	0	0	-----	-----	-----
7900 manufac. prod. nec	0	0	-----	0	-----	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	-----	<b>0</b>	<b>0</b>	-----	-----	-----
9900 unknown or nec	0	-----	0	0	-----	-----	-----

## OSWEGO HARBOR, NY

Section Included: Outer Harbor and Oswego River from mouth to Seneca Street. Controlling Depths: Lake approach channel, 27 feet; channel through outer harbor, 24 feet; east and west side of outer harbor, 21 feet; Oswego River channel, 24 feet. Project Depths: Lake approach channel, 27 feet; channel through outer harbor, 25 feet; lower 1,600 feet of Oswego River channel, 24 feet; remainder of Oswego River channel and Oswego Harbor, 21 feet.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	525	1990	951
1986	483	1991	818
1987	448	1992	582
1988	531	1993	506
1989	746	1994	474

Freight Traffic, 1994  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Imports	Imports	Exports	Total	Lakewise Receipts	Internal Shipments
<b>Total, all commodities</b>	<b>474</b>	<b>39</b>	<b>298</b>	<b>54</b>	<b>83</b>	<b>44</b>	<b>39</b>
<b>Total petroleum and petroleum products</b>	<b>97</b>	-----	<b>50</b>	<b>47</b>	-----	-----	-----
<b>Subtotal petroleum products</b>	<b>97</b>	-----	<b>50</b>	<b>47</b>	-----	-----	-----
2211 gasoline	47	-----	-----	47	-----	-----	-----
2340 residual fuel oil	50	-----	50	-----	-----	-----	-----
<b>Total chemicals and related products</b>	<b>77</b>	-----	<b>77</b>	-----	-----	-----	-----
<b>Subtotal fertilizers</b>	<b>16</b>	-----	<b>16</b>	-----	-----	-----	-----
3110 nitrogenous fert.	5	-----	5	-----	-----	-----	-----
3130 potassic fert.	11	-----	11	-----	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>61</b>	-----	<b>61</b>	-----	-----	-----	-----
3276 metallic salts	61	-----	61	-----	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>43</b>	<b>3</b>	-----	-----	<b>41</b>	<b>41</b>	-----
<b>Subtotal pulp and waste paper</b>	<b>3</b>	<b>3</b>	-----	-----	-----	-----	-----
4225 pulp & waste paper	3	3	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>41</b>	-----	-----	-----	<b>41</b>	<b>41</b>	-----
4322 limestone	41	-----	-----	-----	41	41	-----
<b>Total primary manufactured goods</b>	<b>256</b>	<b>37</b>	<b>171</b>	<b>7</b>	<b>42</b>	<b>3</b>	<b>39</b>
<b>Subtotal lime, cement and glass</b>	<b>214</b>	-----	<b>166</b>	<b>7</b>	<b>42</b>	<b>3</b>	<b>39</b>
5220 cement & concrete	214	-----	166	7	42	3	39
<b>Subtotal primary non-ferrous metal products</b>	<b>42</b>	<b>37</b>	<b>5</b>	-----	-----	-----	-----
5422 aluminum	42	37	5	-----	-----	-----	-----



OSWEGO HARBOR, NY  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Foreign	Canadian		Domestic		
		Imports	Imports	Exports	Total	Lakewise	Internal
					Receipts		Shipments
<b>Total all manufactured equipment, machinery and products</b>	<b>0</b>	-----		<b>0</b>	-----	-----	-----
7230 ships & boats	0	-----		0	-----	-----	-----
<b>Total unknown or not elsewhere classified</b>	<b>0</b>	-----		<b>0</b>	-----	-----	-----
9900 unknown or nec	0	-----		0	-----	-----	-----

## ther Harbors and Waterways

Harbor or Waterway	Commodity	Tons Thousand
Project		
BARCELONA HARBOR, NY	No Commerce Reported	
CAPE VINCENT, NY	No Commerce Reported	
GREAT SODUS BAY HARBOR, NY	No Commerce Reported	
NIAGARA FALLS, NY	No Commerce Reported	
OGDENSBURG HARBOR, NY	3286 plastics	1
	4331 sand & gravel	17
	4900 non-metal. min. nec	15
	5120 paper & paperboard	0
	5290 misc. mineral prod.	0
	6858 fruit juices	0
	6872 cocoa beans	10
	7120 electrical machinery	0
	<b>Total Tons(x1000)</b>	<b>43</b>
PORT CLINTON HARBOR, OH	No Commerce Reported	
ROCHESTER (CHARLOTTE) HARBOR, NY	3283 coloring mat. nec	0
	5220 cement & concrete	132
	7900 manufac. prod. nec	1
	<b>Total Tons(x1000)</b>	<b>133</b>
SACKETS HARBOR, NY	6747 grain mill products	0
	<b>Total Tons(x1000)</b>	<b>0</b>
TONAWANDA HARBOR, NY (INCLUDED IN PORT OF BUFFALO)	2211 gasoline	19
	<b>Total Tons(x1000)</b>	<b>19</b>
VERMILION HARBOR, OH	No Commerce Reported	
WADDINGTON HARBOR, NY	No Commerce Reported	

## ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)

Section Included: Mouth of Illinois River, Grafton, IL, to Lockport, IL, 291.9 miles. Controlling Depth: 9 feet. Project Depths: 9 feet at low water stages.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	36,535	1990	39,659
1986	39,991	1991	39,800
1987	38,431	1992	39,741
1988	37,816	1993	42,600
1989	36,617	1994	45,265

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Coastwise	
		Receipts	Through Upbound
<b>Total, all commodities</b>	<b>4</b>	<b>1</b>	<b>3</b>
<b>Total crude materials, inedible except fuels</b>	<b>4</b>	<b>1</b>	<b>3</b>
<b>Subtotal forest products, wood and chips</b>	<b>1</b>	<b>1</b>	-----
4161 wood chips	1	1	-----
<b>Subtotal iron ore and scrap</b>	<b>3</b>	-----	<b>3</b>
4420 iron & steel scrap	3	-----	3
<b>Ton-miles (x1000)</b>	<b>1,180</b>		<b>840</b>
<b>Coastwise</b>		<b>340</b>	

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>45,260</b>	<b>6,860</b>	<b>1,120</b>	<b>3,152</b>	<b>18,913</b>	<b>9,890</b>	<b>4,921</b>	<b>160</b>	<b>245</b>
<b>Total coal</b>	<b>6,074</b>	<b>1,781</b>	<b>58</b>	<b>1,100</b>	<b>723</b>	<b>1,727</b>	<b>606</b>	<b>35</b>	<b>44</b>
1100 coal lignite	3,842	1,767	-----	953	8	1,064	15	35	-----
1200 coal coke	2,231	14	58	147	714	664	590	-----	44
<b>Total petroleum and petroleum products</b>	<b>4,592</b>	<b>1,325</b>	<b>245</b>	<b>272</b>	<b>270</b>	<b>980</b>	<b>1,229</b>	<b>95</b>	<b>175</b>
<b>Subtotal crude petroleum</b>	<b>19</b>	<b>3</b>	-----	-----	-----	-----	<b>17</b>	-----	-----
2100 crude petroleum	19	3	-----	-----	-----	-----	17	-----	-----

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal petroleum products</b>	<b>4,573</b>	<b>1,322</b>	<b>245</b>	<b>272</b>	<b>270</b>	<b>980</b>	<b>1,212</b>	<b>95</b>	<b>175</b>
2211 gasoline	696	415	119	-----	20	87	34	-----	21
2330 distillate fuel oil	642	167	34	44	25	197	141	-----	34
2340 residual fuel oil	1,162	295	45	29	109	222	254	88	120
2350 lube oil & greases	439	92	-----	135	-----	126	86	-----	-----
2429 naphtha & solvents	277	115	17	-----	1	115	29	-----	-----
2430 asphalt, tar & pitch	1,158	237	29	47	72	190	576	7	-----
2540 petroleum coke	174	-----	-----	11	33	43	86	-----	-----
2640 liquid natural gas	1	-----	1	-----	-----	-----	-----	-----	-----
2990 petro. products nec	22	1	-----	5	10	-----	5	-----	-----
<b>Total chemicals and related products</b>	<b>4,948</b>	<b>2,425</b>	<b>29</b>	<b>131</b>	<b>747</b>	<b>1,318</b>	<b>260</b>	<b>22</b>	<b>15</b>
<b>Subtotal fertilizers</b>	<b>1,381</b>	<b>1,125</b>	-----	<b>19</b>	<b>69</b>	<b>119</b>	<b>17</b>	<b>20</b>	<b>12</b>
3110 nitrogenous fert.	642	496	-----	19	6	104	15	-----	1
3120 phosphatic fert.	40	33	-----	-----	-----	5	1	-----	-----
3130 potassic fert.	235	157	-----	-----	50	3	-----	15	11
3190 fert. & mixes nec	464	440	-----	-----	13	6	-----	4	-----
<b>Subtotal other chemicals and related products</b>	<b>3,567</b>	<b>1,300</b>	<b>29</b>	<b>112</b>	<b>678</b>	<b>1,199</b>	<b>243</b>	<b>3</b>	<b>3</b>
3211 acyclic hydrocarbons	31	31	-----	-----	-----	-----	-----	-----	-----
3212 benzene & toluene	195	2	-----	-----	-----	5	189	-----	-----
3219 other hydrocarbons	786	679	18	-----	-----	80	7	1	-----
3220 alcohols	1,198	80	11	110	657	319	19	-----	3
3230 carboxylic acids	9	7	-----	-----	-----	-----	3	-----	-----
3240 nitrogen func. comp.	1	-----	-----	-----	-----	1	-----	-----	-----
3260 organic comp. nec	70	19	-----	-----	-----	49	2	-----	-----
3273 ammonia	423	423	-----	-----	-----	-----	-----	-----	-----
3274 sodium hydroxide	574	-----	-----	-----	-----	571	3	-----	-----
3275 inorg. elem., oxides, & halogen salts	56	-----	-----	-----	-----	56	-----	-----	-----

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3276 metallic salts	34	3	-----	-----	-----	12	19	-----	-----
3279 inorganic chem. nec	34	26	-----	-----	-----	5	3	-----	-----
3286 plastics	2	0	-----	-----	-----	1	-----	-----	-----
3297 chemical additives	85	18	-----	-----	2	65	-----	-----	-----
3298 wood & resin chem.	1	-----	-----	-----	-----	1	-----	-----	-----
3299 chem. products nec	69	12	-----	1	19	35	-----	1	-----
<b>Total crude materials, inedible except fuels</b>	<b>5,988</b>	<b>928</b>	<b>756</b>	<b>1,617</b>	<b>43</b>	<b>1,789</b>	<b>847</b>	<b>3</b>	<b>6</b>
<b>Subtotal forest products, wood and chips</b>	<b>182</b>	<b>108</b>	-----	-----	<b>1</b>	<b>73</b>	-----	-----	-----
4161 wood chips	174	101	-----	-----	1	72	-----	-----	-----
4170 wood in the rough	3	3	-----	-----	-----	-----	-----	-----	-----
4189 lumber	2	-----	-----	-----	-----	2	-----	-----	-----
4190 forest products nec	4	4	-----	-----	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>2,559</b>	<b>141</b>	<b>552</b>	<b>1,602</b>	<b>16</b>	<b>184</b>	<b>57</b>	<b>3</b>	<b>4</b>
4310 building stone	14	-----	-----	-----	-----	14	-----	-----	-----
4322 limestone	128	103	-----	2	-----	16	-----	1	4
4323 gypsum	46	-----	-----	-----	-----	-----	46	-----	-----
4327 phosphate rock	3	2	-----	-----	-----	2	-----	-----	-----
4331 sand & gravel	2,352	26	552	1,600	15	152	6	1	-----
4335 waterway improv. mat	10	10	-----	-----	-----	-----	-----	-----	-----
4338 soil & fill dirt	6	-----	-----	-----	2	-----	4	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>1,234</b>	<b>165</b>	<b>196</b>	-----	<b>1</b>	<b>165</b>	<b>705</b>	-----	<b>2</b>
4410 iron ore	157	5	-----	-----	-----	99	53	-----	-----
4420 iron & steel scrap	1,077	160	196	-----	1	66	651	-----	2
<b>Subtotal marine shells</b>	<b>4</b>	-----	-----	-----	-----	<b>4</b>	-----	-----	-----
4515 marine shells	4	-----	-----	-----	-----	4	-----	-----	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>205</b>	<b>35</b>	-----	<b>1</b>	<b>6</b>	<b>154</b>	<b>8</b>	-----	-----
4650 aluminum ore	122	23	-----	1	2	93	3	-----	-----
4670 manganese ore	66	6	-----	-----	5	51	5	-----	-----
4680 non-ferrous scrap	1	1	-----	-----	-----	-----	-----	-----	-----
4690 non-ferrous ores nec	16	5	-----	-----	-----	11	-----	-----	-----

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal sulphur, clay and salt</b>	<b>21</b>	<b>4</b>	-----	-----	-----	<b>17</b>	-----	-----	-----
4782 clay & refrac. mat.	21	4	-----	-----	-----	17	-----	-----	-----
<b>Subtotal slag</b>	<b>159</b>	<b>2</b>	<b>8</b>	<b>13</b>	<b>16</b>	<b>42</b>	<b>78</b>	-----	-----
4860 slag	159	2	8	13	16	42	78	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>1,624</b>	<b>473</b>	-----	-----	<b>2</b>	<b>1,149</b>	-----	-----	-----
4900 non-metal. min. nec	1,624	473	-----	-----	2	1,149	-----	-----	-----
<b>Total primary manufactured goods</b>	<b>4,712</b>	<b>205</b>	<b>29</b>	<b>2</b>	<b>101</b>	<b>3,928</b>	<b>447</b>	-----	-----
<b>Subtotal paper products</b>	<b>9</b>	-----	-----	-----	-----	<b>9</b>	-----	-----	-----
5110 newsprint	3	-----	-----	-----	-----	3	-----	-----	-----
5190 paper products nec	6	-----	-----	-----	-----	6	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>855</b>	<b>26</b>	<b>2</b>	<b>1</b>	-----	<b>799</b>	<b>27</b>	-----	-----
5210 lime	44	25	2	-----	-----	10	7	-----	-----
5220 cement & concrete	806	1	-----	1	-----	783	19	-----	-----
5290 misc. mineral prod.	5	-----	-----	-----	-----	5	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>3,344</b>	<b>150</b>	-----	<b>0</b>	<b>99</b>	<b>2,887</b>	<b>208</b>	-----	-----
5312 pig iron	580	88	-----	-----	-----	491	1	-----	-----
5315 ferro alloys	206	4	-----	-----	-----	199	3	-----	-----
5320 i&s primary forms	1,399	11	-----	0	-----	1,386	2	-----	-----
5330 i&s plates & sheets	568	6	-----	-----	88	371	104	-----	-----
5360 i&s bars & shapes	160	24	-----	-----	1	134	1	-----	-----
5370 i&s pipe & tube	9	-----	-----	-----	-----	4	5	-----	-----
5390 primary i&s nec	421	17	-----	-----	10	301	93	-----	-----
<b>Subtotal primary non-ferrous metal products</b>	<b>492</b>	<b>29</b>	<b>27</b>	-----	<b>3</b>	<b>220</b>	<b>212</b>	-----	-----
5422 aluminum	25	-----	-----	-----	-----	25	-----	-----	-----
5429 smelted prod. nec	19	-----	-----	-----	-----	14	5	-----	-----
5480 fab. metal products	449	29	27	-----	3	182	207	-----	-----
<b>Subtotal primary wood products</b>	<b>13</b>	-----	-----	-----	-----	<b>13</b>	-----	-----	-----
5540 primary wood prod.	13	-----	-----	-----	-----	13	-----	-----	-----

ILLINOIS RIVER, IL (INCLUDED IN THE ILLINOIS WATERWAY CONSOLIDATED)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total food and farm products</b>	<b>18,910</b>	<b>194</b>	<b>1</b>	<b>30</b>	<b>17,027</b>	<b>121</b>	<b>1,527</b>	<b>5</b>	<b>4</b>
<b>Subtotal grain</b>	<b>12,968</b>	<b>107</b>	-----	<b>15</b>	<b>11,817</b>	<b>24</b>	<b>996</b>	<b>5</b>	<b>4</b>
6241 wheat	473	-----	-----	12	318	23	120	-----	-----
6344 corn	12,373	58	-----	3	11,493	1	809	5	4
6445 oats	115	48	-----	-----	-----	-----	67	-----	-----
6447 sorghum grains	6	-----	-----	-----	6	-----	-----	-----	-----
<b>Subtotal oilseeds</b>	<b>4,052</b>	<b>1</b>	<b>1</b>	<b>15</b>	<b>3,566</b>	<b>8</b>	<b>460</b>	-----	-----
6522 soybeans	4,042	1	1	15	3,564	8	453	-----	-----
6590 oilseeds nec	10	-----	-----	-----	3	-----	7	-----	-----
<b>Subtotal vegetable products</b>	<b>46</b>	<b>18</b>	-----	-----	<b>27</b>	-----	<b>1</b>	-----	-----
6653 vegetable oils	45	18	-----	-----	26	-----	1	-----	-----
6654 vegetables & prod.	1	-----	-----	-----	1	-----	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>1,735</b>	<b>46</b>	-----	-----	<b>1,617</b>	<b>6</b>	<b>66</b>	-----	-----
6747 grain mill products	156	-----	-----	-----	152	-----	3	-----	-----
6782 animal feed, prep.	1,580	46	-----	-----	1,464	6	63	-----	-----
<b>Subtotal other agricultural products</b>	<b>107</b>	<b>22</b>	-----	-----	-----	<b>83</b>	<b>3</b>	-----	-----
6861 sugar	52	-----	-----	-----	-----	52	-----	-----	-----
6865 molasses	55	22	-----	-----	-----	31	3	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>36</b>	<b>2</b>	<b>1</b>	-----	<b>2</b>	<b>25</b>	<b>6</b>	-----	-----
7110 machinery (not elec)	29	-----	1	-----	2	24	2	-----	-----
7230 ships & boats	0	0	-----	-----	-----	-----	-----	-----	-----
7500 textile products	4	2	-----	-----	-----	2	-----	-----	-----
7600 rubber & plastic pr.	4	-----	-----	-----	-----	-----	4	-----	-----
<b>Ton-miles Internal (x1000)</b>	<b>9,541,823</b>	<b>1,343,764</b>	<b>136,478</b>	<b>312,294</b>	<b>3,419,128</b>	<b>2,877,886</b>	<b>1,432,051</b>	<b>7,741</b>	<b>12,481</b>
<b>Tons All Traffic (x1000)</b>			<b>45,265</b>						
<b>Ton-miles All Traffic (x1000)</b>			<b>9,543,003</b>						

**CALUMET-SAG CHANNEL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS  
FOR ILLINOIS WATERWAY)**

Section Included: Calumet-Sag Channel from its junction with Chicago Sanitary and Ship Canal to Blue Island, Little Calumet and Calumet Rivers to Turning Basin No. 5 (130th Street Bridge). Project Depth: 9 feet.

**Comparative Statement of Traffic  
(thousand tons)**

Year	Total	Year	Total
1985	5,829	1990	7,621
1986	7,503	1991	7,367
1987	6,127	1992	7,633
1988	7,075	1993	7,430
1989	6,544	<b>1994</b>	<b>12,874</b>

**Freight Traffic, 1994  
(thousand tons)**

Commodity	Grand Total	Domestic					
		Coastwise	Internal				
		Through	Inbound		Outbound		Through
		Upbound	Upbound	Downbnd	Upbound	Downbnd	Upbound Downbnd
<b>Total, all commodities</b>	<b>12,874</b>	<b>3</b>	<b>522</b>	<b>31</b>	<b>81</b>	<b>467</b>	<b>6,069 5,701</b>
<b>Total coal</b>	<b>4,452</b>	-----	-----	-----	-----	-----	<b>1,900 2,551</b>
1100 coal lignite	3,348	-----	-----	-----	-----	-----	1,008 2,340
1200 coal coke	1,104	-----	-----	-----	-----	-----	893 211
<b>Total petroleum and petroleum products</b>	<b>1,743</b>	-----	<b>114</b>	<b>13</b>	<b>81</b>	<b>451</b>	<b>123 961</b>
<b>Subtotal petroleum products</b>	<b>1,743</b>	-----	<b>114</b>	<b>13</b>	<b>81</b>	<b>451</b>	<b>123 961</b>
2211 gasoline	141	-----	22	-----	-----	75	----- 43
2330 distillate fuel oil	277	-----	43	0	58	43	64 67
2340 residual fuel oil	153	-----	49	1	11	32	26 33
2350 lube oil & greases	361	-----	-----	-----	-----	-----	----- 361
2429 naphtha & solvents	83	-----	-----	11	12	22	2 37
2430 asphalt, tar & pitch	340	-----	-----	-----	-----	132	3 205
2540 petroleum coke	380	-----	-----	-----	-----	139	27 214
2640 liquid natural gas	1	-----	-----	-----	-----	1	-----
2990 petro. products nec	7	-----	-----	-----	-----	7	-----
<b>Total chemicals and related products</b>	<b>819</b>	-----	<b>187</b>	<b>18</b>	-----	-----	<b>381 232</b>
<b>Subtotal fertilizers</b>	<b>133</b>	-----	-----	-----	-----	-----	<b>117 17</b>
3110 nitrogenous fert.	122	-----	-----	-----	-----	-----	106 15
3120 phosphatic fert.	6	-----	-----	-----	-----	-----	4 1
3190 fert. & mixes nec	6	-----	-----	-----	-----	-----	6 -----
<b>Subtotal other chemicals and related products</b>	<b>685</b>	-----	<b>187</b>	<b>18</b>	-----	-----	<b>264 216</b>
3212 benzene & toluene	163	-----	3	4	-----	-----	----- 157
3219 other hydrocarbons	41	-----	4	-----	-----	-----	32 6
3220 alcohols	232	-----	176	11	-----	-----	4 40
3240 nitrogen func. comp.	1	-----	-----	-----	-----	-----	1 -----
3260 organic comp. nec	22	-----	4	3	-----	-----	13 2



CALUMET-SAG CHANNEL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS  
FOR ILLINOIS WATERWAY)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	Domestic						
		Coastwise	Internal					
		Through Upbound	Inbound		Outbound			Through
		Upbound	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3274 sodium hydroxide	164	-----	-----	-----	-----	-----	162	2
3276 metallic salts	7	-----	-----	-----	-----	-----	-----	7
3279 inorganic chem. nec	8	-----	-----	-----	-----	-----	5	3
3286 plastics	1	-----	-----	-----	-----	-----	1	-----
3297 chemical additives	32	-----	-----	-----	-----	-----	32	-----
3298 wood & resin chem.	1	-----	-----	-----	-----	-----	1	-----
3299 chem. products nec	12	-----	-----	-----	-----	-----	12	-----
<b>Total crude materials, inedible except fuels</b>	<b>1,536</b>	<b>3</b>	<b>59</b>	-----	-----	<b>1</b>	<b>941</b>	<b>532</b>
<b>Subtotal forest products, wood and chips</b>	<b>2</b>	-----	-----	-----	-----	-----	<b>2</b>	-----
4161 wood chips	2	-----	-----	-----	-----	-----	2	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>445</b>	-----	<b>46</b>	-----	-----	-----	<b>353</b>	<b>46</b>
4310 building stone	14	-----	1	-----	-----	-----	13	-----
4322 limestone	16	-----	9	-----	-----	-----	7	-----
4323 gypsum	43	-----	-----	-----	-----	-----	-----	43
4327 phosphate rock	2	-----	-----	-----	-----	-----	2	-----
4331 sand & gravel	369	-----	36	-----	-----	-----	332	1
4338 soil & fill dirt	2	-----	-----	-----	-----	-----	-----	2
<b>Subtotal iron ore and scrap</b>	<b>537</b>	<b>3</b>	<b>13</b>	-----	-----	<b>1</b>	<b>116</b>	<b>404</b>
4410 iron ore	140	-----	1	-----	-----	-----	85	53
4420 iron & steel scrap	397	3	11	-----	-----	1	31	350
<b>Subtotal marine shells</b>	<b>4</b>	-----	-----	-----	-----	-----	<b>4</b>	-----
4515 marine shells	4	-----	-----	-----	-----	-----	4	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>146</b>	-----	-----	-----	-----	-----	<b>143</b>	<b>3</b>
4650 aluminum ore	88	-----	-----	-----	-----	-----	85	3
4670 manganese ore	48	-----	-----	-----	-----	-----	48	-----
4690 non-ferrous ores nec	11	-----	-----	-----	-----	-----	11	-----
<b>Subtotal sulphur, clay and salt</b>	<b>13</b>	-----	-----	-----	-----	-----	<b>13</b>	-----
4782 clay & refrac. mat.	13	-----	-----	-----	-----	-----	13	-----
<b>Subtotal slag</b>	<b>136</b>	-----	-----	-----	-----	-----	<b>56</b>	<b>80</b>
4860 slag	136	-----	-----	-----	-----	-----	56	80
<b>Subtotal other non-metal. min.</b>	<b>254</b>	-----	-----	-----	-----	-----	<b>254</b>	-----
4900 non-metal. min. nec	254	-----	-----	-----	-----	-----	254	-----
<b>Total primary manufactured goods</b>	<b>3,225</b>	-----	<b>137</b>	-----	-----	-----	<b>2,625</b>	<b>463</b>
<b>Subtotal lime, cement and glass</b>	<b>103</b>	-----	-----	-----	-----	-----	<b>76</b>	<b>27</b>
5210 lime	19	-----	-----	-----	-----	-----	10	9
5220 cement & concrete	84	-----	-----	-----	-----	-----	66	18

CALUMET-SAG CHANNEL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS  
FOR ILLINOIS WATERWAY)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Grand Total	(thousand tons)							
		Coastwise	Domestic						
			Through Upbound	Internal				Through Upbound	Downbnd
				Inbound Upbound	Downbnd	Outbound Upbound	Downbnd		
<b>Subtotal primary iron and steel products</b>	<b>2,713</b>	-----	<b>135</b>	-----	-----	-----	<b>2,380</b>	<b>198</b>	
5312 pig iron	423	-----	72	-----	-----	-----	349	1	
5315 ferro alloys	190	-----	-----	-----	-----	-----	188	3	
5320 i&s primary forms	1,321	-----	63	-----	-----	-----	1,258	-----	
5330 i&s plates & sheets	324	-----	-----	-----	-----	-----	220	104	
5360 i&s bars & shapes	116	-----	-----	-----	-----	-----	115	1	
5370 i&s pipe & tube	1	-----	-----	-----	-----	-----	1	-----	
5390 primary i&s nec	338	-----	-----	-----	-----	-----	249	89	
<b>Subtotal primary non-ferrous metal products</b>	<b>409</b>	-----	<b>2</b>	-----	-----	-----	<b>169</b>	<b>238</b>	
5422 aluminum	25	-----	-----	-----	-----	-----	25	-----	
5429 smelted prod. nec	16	-----	2	-----	-----	-----	11	3	
5480 fab. metal products	369	-----	-----	-----	-----	-----	134	235	
<b>Total food and farm products</b>	<b>1,091</b>	-----	<b>25</b>	-----	-----	<b>14</b>	<b>95</b>	<b>956</b>	
<b>Subtotal grain</b>	<b>657</b>	-----	-----	-----	-----	-----	<b>40</b>	<b>617</b>	
6241 wheat	124	-----	-----	-----	-----	-----	37	87	
6344 corn	477	-----	-----	-----	-----	-----	3	474	
6445 oats	57	-----	-----	-----	-----	-----	-----	57	
<b>Subtotal oilseeds</b>	<b>310</b>	-----	-----	-----	-----	-----	<b>23</b>	<b>287</b>	
6522 soybeans	303	-----	-----	-----	-----	-----	23	280	
6590 oilseeds nec	7	-----	-----	-----	-----	-----	-----	7	
<b>Subtotal vegetable products</b>	<b>1</b>	-----	-----	-----	-----	<b>1</b>	-----	-----	
6653 vegetable oils	1	-----	-----	-----	-----	1	-----	-----	
<b>Subtotal processed grain and animal feed</b>	<b>68</b>	-----	-----	-----	-----	<b>10</b>	<b>6</b>	<b>52</b>	
6747 grain mill products	3	-----	-----	-----	-----	-----	-----	3	
6782 animal feed, prep.	65	-----	-----	-----	-----	10	6	48	
<b>Subtotal other agricultural products</b>	<b>54</b>	-----	<b>25</b>	-----	-----	<b>3</b>	<b>26</b>	-----	
6861 sugar	22	-----	-----	-----	-----	-----	22	-----	
6865 molasses	32	-----	25	-----	-----	3	4	-----	
<b>Total all manufactured equipment, machinery and products</b>	<b>8</b>	-----	-----	-----	-----	-----	<b>3</b>	<b>6</b>	
7110 machinery (not elec)	4	-----	-----	-----	-----	-----	3	2	
7600 rubber & plastic pr.	4	-----	-----	-----	-----	-----	-----	4	
<b>Ton-miles (x1000)</b>	<b>297,931</b>	69	<b>7,977</b>	<b>349</b>	<b>886</b>	<b>6,167</b>	<b>145,652</b>	<b>136,830</b>	
<b>Tons All Traffic (x1000)</b>			<b>12,874</b>						
<b>Ton-miles All Traffic (x1000)</b>			<b>297,931</b>						

## CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN STATISTICS FOR ILLINOIS WATERWAY)

Section Included: Chicago Sanitary and Ship Canal. Damen Avenue, Chicago to Lockport, IL. Project Depth: 9 feet at low water stages.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	15,904	1990	18,643
1986	19,524	1991	18,763
1987	16,599	1992	17,966
1988	17,747	1993	18,813
1989	16,908	1994	24,591

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Coastwise
		Through Upbound
<b>Total, all commodities</b>	<b>3</b>	<b>3</b>
<b>Total crude materials, inedible except fuels</b>	<b>3</b>	<b>3</b>
<b>Subtotal iron ore and scrap</b>	<b>3</b>	<b>3</b>
4420 iron & steel scrap	3	3
<b>Ton-miles (x1000)</b>	<b>29</b>	
<b>Coastwise</b>		<b>29</b>

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>24,588</b>	<b>7,259</b>	<b>2,126</b>	<b>1,078</b>	<b>2,820</b>	<b>7,446</b>	<b>3,255</b>	<b>486</b>	<b>118</b>
<b>Total coal</b>	<b>5,945</b>	<b>1,559</b>	<b>1,390</b>	<b>130</b>	<b>435</b>	<b>2,202</b>	<b>228</b>	-----	-----
1100 coal lignite	4,356	1,534	1,390	-----	-----	1,417	15	-----	-----
1200 coal coke	1,589	26	-----	130	435	785	213	-----	-----
<b>Total petroleum and petroleum products</b>	<b>4,360</b>	<b>1,686</b>	<b>563</b>	<b>73</b>	<b>965</b>	<b>267</b>	<b>542</b>	<b>160</b>	<b>105</b>
<b>Subtotal crude petroleum</b>	<b>17</b>	-----	-----	-----	<b>17</b>	-----	-----	-----	-----
2100 crude petroleum	17	-----	-----	-----	17	-----	-----	-----	-----

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN  
STATISTICS FOR ILLINOIS WATERWAY)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal petroleum products</b>	<b>4,343</b>	<b>1,686</b>	<b>563</b>	<b>73</b>	<b>948</b>	<b>267</b>	<b>542</b>	<b>160</b>	<b>105</b>
2211 gasoline	258	71	2	1	30	18	127	8	-----
2330 distillate fuel oil	736	216	102	13	146	93	46	90	28
2340 residual fuel oil	679	213	27	51	269	59	39	10	10
2350 lube oil & greases	641	365	129	2	14	59	73	-----	-----
2429 naphtha & solvents	219	115	22	4	6	-----	41	21	8
2430 asphalt, tar & pitch	1,231	386	170	2	428	2	177	30	36
2540 petroleum coke	567	312	110	-----	55	35	32	1	21
2640 liquid natural gas	1	-----	-----	-----	-----	-----	1	-----	-----
2990 petro. products nec	12	7	-----	-----	-----	-----	5	-----	-----
<b>Total chemicals and related products</b>	<b>1,965</b>	<b>912</b>	<b>132</b>	<b>34</b>	<b>97</b>	<b>565</b>	<b>194</b>	<b>28</b>	<b>1</b>
<b>Subtotal fertilizers</b>	<b>167</b>	<b>19</b>	<b>-----</b>	<b>12</b>	<b>-----</b>	<b>119</b>	<b>17</b>	<b>-----</b>	<b>-----</b>
3110 nitrogenous fert.	151	15	-----	12	-----	109	15	-----	-----
3120 phosphatic fert.	7	1	-----	-----	-----	4	1	-----	-----
3130 potassic fert.	3	3	-----	-----	-----	-----	-----	-----	-----
3190 fert. & mixes nec	6	-----	-----	-----	-----	6	-----	-----	-----
<b>Subtotal other chemicals and related products</b>	<b>1,797</b>	<b>893</b>	<b>132</b>	<b>22</b>	<b>97</b>	<b>446</b>	<b>178</b>	<b>28</b>	<b>1</b>
3212 benzene & toluene	217	6	1	3	34	-----	154	18	-----
3219 other hydrocarbons	119	47	4	-----	24	36	1	7	-----
3220 alcohols	485	266	6	-----	13	180	17	3	-----
3230 carboxylic acids	3	-----	-----	-----	3	-----	-----	-----	-----
3240 nitrogen func. comp.	1	-----	-----	-----	-----	1	-----	-----	-----
3260 organic comp. nec	53	34	-----	-----	2	15	2	-----	-----
3274 sodium hydroxide	577	409	2	-----	3	162	-----	-----	1
3275 inorg. elem., oxides, & halogen salts	56	56	-----	-----	-----	-----	-----	-----	-----
3276 metallic salts	156	19	119	-----	19	-----	-----	-----	-----
3279 inorganic chem. nec	8	-----	-----	-----	-----	5	3	-----	-----

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN  
STATISTICS FOR ILLINOIS WATERWAY)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3286 plastics	1	-----	-----	-----	-----	1	-----	-----	-----
3297 chemical additives	84	33	-----	19	-----	32	-----	-----	-----
3298 wood & resin chem.	1	-----	-----	-----	-----	1	-----	-----	-----
3299 chem. products nec	36	23	-----	-----	-----	12	-----	-----	-----
<b>Total crude materials, inedible except fuels</b>	<b>6,144</b>	<b>2,031</b>	<b>-----</b>	<b>837</b>	<b>830</b>	<b>1,377</b>	<b>772</b>	<b>296</b>	<b>-----</b>
<b>Subtotal forest products, wood and chips</b>	<b>73</b>	<b>70</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>3</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4161 wood chips	72	69	-----	-----	-----	3	-----	-----	-----
4189 lumber	2	2	-----	-----	-----	-----	-----	-----	-----
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,528</b>	<b>1,280</b>	<b>-----</b>	<b>837</b>	<b>561</b>	<b>506</b>	<b>47</b>	<b>296</b>	<b>-----</b>
4310 building stone	14	-----	-----	-----	-----	14	-----	-----	-----
4322 limestone	22	-----	-----	-----	-----	19	-----	4	-----
4323 gypsum	46	-----	-----	-----	1	-----	44	-----	-----
4327 phosphate rock	2	-----	-----	-----	-----	2	-----	-----	-----
4331 sand & gravel	3,440	1,280	-----	837	557	471	1	292	-----
4338 soil & fill dirt	4	-----	-----	-----	3	-----	2	-----	-----
<b>Subtotal iron ore and scrap</b>	<b>1,067</b>	<b>24</b>	<b>-----</b>	<b>-----</b>	<b>258</b>	<b>142</b>	<b>642</b>	<b>-----</b>	<b>-----</b>
4410 iron ore	152	1	-----	-----	-----	97	53	-----	-----
4420 iron & steel scrap	915	23	-----	-----	258	45	589	-----	-----
<b>Subtotal marine shells</b>	<b>4</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>4</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4515 marine shells	4	-----	-----	-----	-----	4	-----	-----	-----
<b>Subtotal non-ferrous ores and scrap</b>	<b>164</b>	<b>13</b>	<b>-----</b>	<b>-----</b>	<b>5</b>	<b>143</b>	<b>3</b>	<b>-----</b>	<b>-----</b>
4650 aluminum ore	97	10	-----	-----	-----	85	3	-----	-----
4670 manganese ore	56	3	-----	-----	5	48	-----	-----	-----
4690 non-ferrous ores nec	11	-----	-----	-----	-----	11	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>17</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>17</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4782 clay & refrac. mat.	17	-----	-----	-----	-----	17	-----	-----	-----
<b>Subtotal slag</b>	<b>141</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>6</b>	<b>56</b>	<b>80</b>	<b>-----</b>	<b>-----</b>
4860 slag	141	-----	-----	-----	6	56	80	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>1,149</b>	<b>643</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>506</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
4900 non-metal. min. nec	1,149	643	-----	-----	-----	506	-----	-----	-----

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN  
STATISTICS FOR ILLINOIS WATERWAY)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total primary manufactured goods</b>	<b>4,407</b>	<b>1,014</b>	<b>1</b>	<b>7</b>	<b>2,916</b>	<b>468</b>			
<b>Subtotal paper products</b>	<b>9</b>	<b>3</b>			<b>6</b>				
5110 newsprint	3				3				
5190 paper products nec	6	3			3				
<b>Subtotal lime, cement and glass</b>	<b>829</b>	<b>636</b>		<b>1</b>	<b>165</b>	<b>27</b>			
5210 lime	19				10	9			
5220 cement & concrete	804	632		1	153	18			
5290 misc. mineral prod.	5	4			1				
<b>Subtotal primary iron and steel products</b>	<b>3,097</b>	<b>322</b>	<b>1</b>	<b>5</b>	<b>2,565</b>	<b>203</b>			
5312 pig iron	492	37			454	1			
5315 ferro alloys	202	4			195	3			
5320 i&s primary forms	1,388	66		2	1,321				
5330 i&s plates & sheets	475	151			220	104			
5360 i&s bars & shapes	135	18			117	1			
5370 i&s pipe & tube	9	3			1	5			
5390 primary i&s nec	395	44	1	3	257	90			
<b>Subtotal primary non-ferrous metal products</b>	<b>460</b>	<b>49</b>		<b>1</b>	<b>171</b>	<b>238</b>			
5422 aluminum	25				25				
5429 smelted prod. nec	19	2		1	12	3			
5480 fab. metal products	416	48			134	235			
<b>Subtotal primary wood products</b>	<b>13</b>	<b>4</b>			<b>9</b>				
5540 primary wood prod.	13	4			9				
<b>Total food and farm products</b>	<b>1,684</b>	<b>35</b>		<b>3</b>	<b>485</b>	<b>117</b>	<b>1,043</b>	<b>2</b>	
<b>Subtotal grain</b>	<b>1,040</b>	<b>3</b>		<b>3</b>	<b>336</b>	<b>36</b>	<b>660</b>	<b>2</b>	
6241 wheat	159	2		3	28	33	92		
6344 corn	815	2			297	3	511	2	
6445 oats	67				10		57		
<b>Subtotal oilseeds</b>	<b>485</b>			<b>146</b>	<b>23</b>	<b>316</b>			
6522 soybeans	477			146	23	308			
6590 oilseeds nec	7					7			

CHICAGO SANITARY AND SHIP CANAL, IL (INCLUDED IN PORT OF CHICAGO, ALSO INCLUDED IN  
STATISTICS FOR ILLINOIS WATERWAY)  
Freight Traffic, 1994 - continued  
(thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal vegetable products</b>	<b>1</b>	-----	-----	-----	-----	-----	-----	<b>1</b>	-----
6653 vegetable oils	1	-----	-----	-----	-----	-----	-----	1	-----
<b>Subtotal processed grain and animal feed</b>	<b>72</b>	-----	-----	-----	<b>3</b>	<b>6</b>	<b>63</b>	-----	-----
6747 grain mill products	3	-----	-----	-----	-----	-----	-----	3	-----
6782 animal feed, prep.	69	-----	-----	-----	3	6	60	-----	-----
<b>Subtotal other agricultural products</b>	<b>86</b>	<b>31</b>	-----	-----	-----	<b>52</b>	<b>3</b>	-----	-----
6861 sugar	52	30	-----	-----	-----	22	-----	-----	-----
6865 molasses	33	1	-----	-----	-----	29	3	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>32</b>	<b>22</b>	-----	-----	-----	<b>3</b>	<b>7</b>	-----	-----
7110 machinery (not elec)	27	21	-----	-----	-----	3	3	-----	-----
7500 textile products	2	2	-----	-----	-----	-----	-----	-----	-----
7600 rubber & plastic pr.	4	-----	-----	-----	-----	-----	4	-----	-----
<b>Total waste and scrap nec</b>	<b>52</b>	-----	<b>40</b>	-----	-----	-----	-----	-----	<b>12</b>
8900 waste and scrap nec	52	-----	40	-----	-----	-----	-----	-----	12
<b>Ton-miles Internal (x1000)</b>	<b>285,463</b>	<b>73,362</b>	<b>15,003</b>	<b>24,494</b>	<b>30,371</b>	<b>91,466</b>	<b>39,110</b>	<b>9,887</b>	<b>1,769</b>
<b>Tons All Traffic (x1000)</b>			<b>24,591</b>						
<b>Ton-miles All Traffic (x1000)</b>			<b>285,491</b>						

## ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)

Section Included: Illinois River, Grafton, IL to confluence of Desplaines and Kankakee Rivers then Desplaines River to Lockport, IL.; Chicago Sanitary and Ship Canal, Lockport, IL to Damen Ave. in Chicago; Chicago River (South Branch), Damen Avenue to Lake Street; Calumet-Sag Channel, from its junction with the Chicago Sanitary and Ship Canal to Blue Island; and the Little Calumet River and Calumet River to Turning Basin No. 5 (130th Street Bridge). See reports for Illinois River, Chicago Sanitary and Ship Canal, Calumet-Sag Channel, and Chicago River, South Branch. Project Depth: 9 feet at low water stages.

Comparative Statement of Traffic  
(thousand tons)

Year	Total	Year	Total
1985	38,531	1990	43,318
1986	43,427	1991	43,131
1987	41,412	1992	42,668
1988	40,973	1993	45,636
1989	39,672	1994	50,882

Freight Traffic, 1994  
(thousand tons)

Commodity	Total	Coastwise	
		Receipts	Through Upbound
<b>Total, all commodities</b>	<b>4</b>	<b>1</b>	<b>3</b>
<b>Total crude materials, inedible except fuels</b>	<b>4</b>	<b>1</b>	<b>3</b>
<b>Subtotal forest products, wood and chips</b>	<b>1</b>	<b>1</b>	-----
4161 wood chips	1	1	-----
<b>Subtotal iron ore and scrap</b>	<b>3</b>	-----	<b>3</b>
4420 iron & steel scrap	3	-----	3
<b>Ton-miles (x1000)</b>	<b>1,278</b>		<b>938</b>
<b>Coastwise</b>		<b>340</b>	

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total, all commodities</b>	<b>50,878</b>	<b>12,405</b>	<b>2,417</b>	<b>1,466</b>	<b>21,279</b>	<b>5,833</b>	<b>2,586</b>	<b>3,671</b>	<b>1,223</b>
<b>Total coal</b>	<b>8,528</b>	<b>2,779</b>	<b>1,419</b>	<b>281</b>	<b>1,130</b>	<b>1,664</b>	<b>198</b>	<b>984</b>	<b>74</b>
1100 coal lignite	6,167	2,740	1,390	4	8	1,026	15	984	-----
1200 coal coke	2,361	39	29	277	1,122	638	183	-----	74



ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total petroleum and petroleum products</b>	<b>6,319</b>	<b>2,779</b>	<b>633</b>	<b>197</b>	<b>1,320</b>	<b>52</b>	<b>208</b>	<b>663</b>	<b>468</b>
<b>Subtotal crude petroleum</b>	<b>19</b>	<b>3</b>	-----	-----	<b>17</b>	-----	-----	-----	-----
2100 crude petroleum	19	3	-----	-----	17	-----	-----	-----	-----
<b>Subtotal petroleum products</b>	<b>6,299</b>	<b>2,776</b>	<b>633</b>	<b>197</b>	<b>1,303</b>	<b>52</b>	<b>208</b>	<b>663</b>	<b>468</b>
2211 gasoline	715	502	57	1	54	-----	-----	15	86
2330 distillate fuel oil	1,019	391	129	116	172	8	9	124	70
2340 residual fuel oil	1,303	512	22	62	344	7	31	143	182
2350 lube oil & greases	733	382	129	-----	14	-----	73	136	-----
2429 naphtha & solvents	357	230	36	16	16	-----	16	21	22
2430 asphalt, tar & pitch	1,548	568	169	2	593	2	55	92	67
2540 petroleum coke	599	189	91	-----	94	35	25	125	41
2640 liquid natural gas	1	-----	-----	-----	-----	-----	-----	-----	1
2990 petro. products nec	24	1	-----	-----	16	-----	-----	7	-----
<b>Total chemicals and related products</b>	<b>5,192</b>	<b>3,412</b>	<b>161</b>	<b>54</b>	<b>826</b>	<b>359</b>	<b>183</b>	<b>162</b>	<b>34</b>
<b>Subtotal fertilizers</b>	<b>1,393</b>	<b>1,144</b>	-----	<b>32</b>	<b>69</b>	<b>100</b>	<b>17</b>	<b>20</b>	<b>12</b>
3110 nitrogenous fert.	654	511	-----	32	6	90	15	-----	1
3120 phosphatic fert.	40	34	-----	-----	-----	4	1	-----	-----
3130 potassic fert.	235	159	-----	-----	50	-----	-----	15	11
3190 fert. & mixes nec	464	440	-----	-----	13	6	-----	4	-----
<b>Subtotal other chemicals and related products</b>	<b>3,799</b>	<b>2,268</b>	<b>161</b>	<b>23</b>	<b>757</b>	<b>259</b>	<b>166</b>	<b>142</b>	<b>22</b>
3211 acyclic hydrocarbons	31	31	-----	-----	-----	-----	-----	-----	-----
3212 benzene & toluene	223	8	5	-----	34	-----	154	21	-----
3219 other hydrocarbons	800	730	6	-----	7	32	-----	8	17
3220 alcohols	1,236	413	27	2	668	2	7	112	4
3230 carboxylic acids	9	7	-----	-----	3	-----	-----	-----	-----
3240 nitrogen func. comp.	1	-----	-----	-----	-----	1	-----	-----	-----
3260 organic comp. nec	75	57	3	-----	2	11	2	-----	-----
3273 ammonia	423	423	-----	-----	-----	-----	-----	-----	-----

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
3274 sodium hydroxide	577	409	2		3	162			1
3275 inorg. elem., oxides, & halogen salts	56	56							
3276 metallic salts	160	22	119		19				
3279 inorganic chem. nec	34	26				5	3		
3286 plastics	2	0				1			
3297 chemical additives	103	51		19	2	32			
3298 wood & resin chem.	1					1			
3299 chem. products nec	69	36		1	19	11		1	
<b>Total crude materials, inedible except fuels</b>	<b>7,123</b>	<b>1,788</b>	<b>132</b>	<b>901</b>	<b>363</b>	<b>928</b>	<b>527</b>	<b>1,853</b>	<b>630</b>
<b>Subtotal forest products, wood and chips</b>	<b>182</b>	<b>178</b>			<b>1</b>	<b>3</b>			
4161 wood chips	174	170			1	3			
4170 wood in the rough	3	3							
4189 lumber	2	2							
4190 forest products nec	4	4							
<b>Subtotal soil, sand, gravel, rock and stone</b>	<b>3,692</b>	<b>210</b>	<b>1</b>	<b>887</b>	<b>27</b>	<b>114</b>	<b>46</b>	<b>1,852</b>	<b>555</b>
4310 building stone	14	1				13			
4322 limestone	132	113				7		7	4
4323 gypsum	46				1		44		
4327 phosphate rock	3	2				2			
4331 sand & gravel	3,482	85	1	887	21	93		1,844	551
4335 waterway improv. mat	10	10							
4338 soil & fill dirt	6				4		2		
<b>Subtotal iron ore and scrap</b>	<b>1,235</b>	<b>207</b>	<b>122</b>		<b>300</b>	<b>123</b>	<b>406</b>	<b>1</b>	<b>75</b>
4410 iron ore	157	11				93	53		
4420 iron & steel scrap	1,078	196	122		300	31	353	1	75
<b>Subtotal marine shells</b>	<b>4</b>					<b>4</b>			
4515 marine shells	4					4			

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal non-ferrous ores and scrap</b>	<b>205</b>	<b>48</b>	-----	<b>1</b>	<b>11</b>	<b>142</b>	<b>3</b>	-----	-----
4650 aluminum ore	122	33	-----	1	2	83	3	-----	-----
4670 manganese ore	66	9	-----	-----	10	48	-----	-----	-----
4680 non-ferrous scrap	1	1	-----	-----	-----	-----	-----	-----	-----
4690 non-ferrous ores nec	16	5	-----	-----	-----	11	-----	-----	-----
<b>Subtotal sulphur, clay and salt</b>	<b>21</b>	<b>4</b>	-----	-----	-----	<b>17</b>	-----	-----	-----
4782 clay & refrac. mat.	21	4	-----	-----	-----	17	-----	-----	-----
<b>Subtotal slag</b>	<b>159</b>	<b>2</b>	<b>8</b>	<b>13</b>	<b>22</b>	<b>42</b>	<b>72</b>	-----	-----
4860 slag	159	2	8	13	22	42	72	-----	-----
<b>Subtotal other non-metal. min.</b>	<b>1,624</b>	<b>1,139</b>	-----	-----	<b>2</b>	<b>483</b>	-----	-----	-----
4900 non-metal. min. nec	1,624	1,139	-----	-----	2	483	-----	-----	-----
<b>Total primary manufactured goods</b>	<b>4,713</b>	<b>1,369</b>	<b>30</b>	<b>0</b>	<b>109</b>	<b>2,764</b>	<b>439</b>	<b>1</b>	-----
<b>Subtotal paper products</b>	<b>9</b>	<b>9</b>	-----	-----	-----	-----	-----	-----	-----
5110 newsprint	3	3	-----	-----	-----	-----	-----	-----	-----
5190 paper products nec	6	6	-----	-----	-----	-----	-----	-----	-----
<b>Subtotal lime, cement and glass</b>	<b>855</b>	<b>661</b>	<b>2</b>	-----	<b>1</b>	<b>165</b>	<b>25</b>	<b>1</b>	-----
5210 lime	44	25	2	-----	-----	10	7	-----	-----
5220 cement & concrete	806	632	-----	-----	1	153	18	1	-----
5290 misc. mineral prod.	5	4	-----	-----	-----	1	-----	-----	-----
<b>Subtotal primary iron and steel products</b>	<b>3,345</b>	<b>607</b>	<b>1</b>	<b>0</b>	<b>103</b>	<b>2,430</b>	<b>203</b>	-----	-----
5312 pig iron	580	197	-----	-----	-----	382	1	-----	-----
5315 ferro alloys	206	8	-----	-----	-----	195	3	-----	-----
5320 i&s primary forms	1,399	139	-----	0	2	1,257	-----	-----	-----
5330 i&s plates & sheets	568	156	-----	-----	88	220	104	-----	-----
5360 i&s bars & shapes	160	42	-----	-----	1	117	1	-----	-----
5370 i&s pipe & tube	9	3	-----	-----	-----	1	5	-----	-----
5390 primary i&s nec	422	61	1	-----	13	257	90	-----	-----

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Subtotal primary non-ferrous metal products</b>	<b>492</b>	<b>80</b>	<b>27</b>	<b>-----</b>	<b>4</b>	<b>169</b>	<b>211</b>	<b>-----</b>	<b>-----</b>
5422 aluminum	25	-----	-----	-----	-----	25	-----	-----	-----
5429 smelted prod. nec	19	3	-----	-----	1	11	3	-----	-----
5480 fab. metal products	449	77	27	-----	3	134	207	-----	-----
<b>Subtotal primary wood products</b>	<b>13</b>	<b>13</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
5540 primary wood prod.	13	13	-----	-----	-----	-----	-----	-----	-----
<b>Total food and farm products</b>	<b>18,914</b>	<b>252</b>	<b>1</b>	<b>32</b>	<b>17,529</b>	<b>63</b>	<b>1,024</b>	<b>8</b>	<b>4</b>
<b>Subtotal grain</b>	<b>12,973</b>	<b>108</b>	<b>-----</b>	<b>17</b>	<b>12,154</b>	<b>23</b>	<b>658</b>	<b>8</b>	<b>4</b>
6241 wheat	477	2	-----	15	346	21	92	-----	-----
6344 corn	12,375	58	-----	1	11,792	1	510	8	4
6445 oats	115	48	-----	-----	10	-----	57	-----	-----
6447 sorghum grains	6	-----	-----	-----	6	-----	-----	-----	-----
<b>Subtotal oilseeds</b>	<b>4,052</b>	<b>1</b>	<b>1</b>	<b>15</b>	<b>3,712</b>	<b>8</b>	<b>314</b>	<b>-----</b>	<b>-----</b>
6522 soybeans	4,042	1	1	15	3,710	8	307	-----	-----
6590 oilseeds nec	10	-----	-----	-----	3	-----	7	-----	-----
<b>Subtotal vegetable products</b>	<b>46</b>	<b>18</b>	<b>-----</b>	<b>-----</b>	<b>29</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6653 vegetable oils	45	18	-----	-----	27	-----	-----	-----	-----
6654 vegetables & prod.	1	-----	-----	-----	1	-----	-----	-----	-----
<b>Subtotal processed grain and animal feed</b>	<b>1,735</b>	<b>46</b>	<b>-----</b>	<b>-----</b>	<b>1,631</b>	<b>6</b>	<b>52</b>	<b>-----</b>	<b>-----</b>
6747 grain mill products	156	-----	-----	-----	152	-----	3	-----	-----
6782 animal feed, prep.	1,580	46	-----	-----	1,479	6	48	-----	-----
<b>Subtotal other agricultural products</b>	<b>107</b>	<b>78</b>	<b>-----</b>	<b>-----</b>	<b>3</b>	<b>26</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>
6861 sugar	52	30	-----	-----	-----	22	-----	-----	-----
6865 molasses	55	48	-----	-----	3	4	-----	-----	-----
<b>Total all manufactured equipment, machinery and products</b>	<b>36</b>	<b>25</b>	<b>1</b>	<b>-----</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>-----</b>	<b>-----</b>
7110 machinery (not elec)	29	21	1	-----	2	3	2	-----	-----
7230 ships & boats	0	0	-----	-----	-----	-----	-----	-----	-----
7500 textile products	4	4	-----	-----	-----	-----	-----	-----	-----
7600 rubber & plastic pr.	4	-----	-----	-----	-----	-----	4	-----	-----

ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT FOR ENTIRE WATERWAY)  
 Freight Traffic, 1994 - continued  
 (thousand tons)

Commodity	Total	Internal							
		Inbound		Outbound		Through		Intra	
		Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd	Upbound	Downbnd
<b>Total waste and scrap nec</b>	<b>52</b>	-----	<b>40</b>	-----	-----	-----	-----	-----	<b>12</b>
8900 waste and scrap nec	52	-----	40	-----	-----	-----	-----	-----	12
<b>Ton-miles Internal (x1000)</b>	<b>10,135,422</b>	<b>2,635,835</b>	<b>101,199</b>	<b>85,842</b>	<b>4,132,382</b>	<b>1,895,688</b>	<b>840,308</b>	<b>321,820</b>	<b>122,348</b>
<b>Tons All Traffic (x1000)</b>			<b>50,882</b>						
<b>Ton-miles All Traffic (x1000)</b>			<b>10,136,700</b>						



## Section 2

### Trips and Drafts of Vessels





Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**TWO HARBORS (AGATE BAY), MN**

Inbound							Outbound					
<b>Grand Total</b>	<b>201</b>	<b>179</b>	<b>----</b>	<b>11</b>	<b>11</b>	<b>----</b>	<b>201</b>	<b>180</b>	<b>----</b>	<b>10</b>	<b>11</b>	<b>----</b>
DOMESTIC												
<b>Total</b>	<b>201</b>	<b>179</b>	<b>----</b>	<b>11</b>	<b>11</b>	<b>----</b>	<b>201</b>	<b>180</b>	<b>----</b>	<b>10</b>	<b>11</b>	<b>----</b>
29	---	---	---	---	---	---	22	22	---	---	---	---
28	---	---	---	---	---	---	113	104	---	---	9	---
27	3	1	---	2	---	---	41	37	---	2	2	---
26	2	1	---	---	1	---	16	16	---	---	---	---
25	30	30	---	---	---	---	---	---	---	---	---	---
24	88	79	---	9	---	---	9	1	---	8	---	---
23	15	5	---	---	10	---	---	---	---	---	---	---
22	15	15	---	---	---	---	---	---	---	---	---	---
21	29	29	---	---	---	---	---	---	---	---	---	---
20	6	6	---	---	---	---	---	---	---	---	---	---
19	6	6	---	---	---	---	---	---	---	---	---	---
18	5	5	---	---	---	---	---	---	---	---	---	---
15	2	2	---	---	---	---	---	---	---	---	---	---
<b>Total trips:</b>											<b>402</b>	

**DULUTH-SUPERIOR HARBOR, MN AND WI**

Inbound							Outbound					
<b>Grand Total</b>	<b>1,336</b>	<b>1,096</b>	<b>171</b>	<b>36</b>	<b>31</b>	<b>2</b>	<b>1,359</b>	<b>1,114</b>	<b>174</b>	<b>36</b>	<b>33</b>	<b>2</b>
FOREIGN												
<b>Total</b>	<b>385</b>	<b>383</b>	<b>2</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>380</b>	<b>378</b>	<b>2</b>	<b>----</b>	<b>----</b>	<b>----</b>
28	1	1	---	---	---	---	19	19	---	---	---	---
27	---	---	---	---	---	---	50	50	---	---	---	---
26	25	25	---	---	---	---	155	155	---	---	---	---
25	22	22	---	---	---	---	9	9	---	---	---	---
24	44	44	---	---	---	---	28	28	---	---	---	---
23	69	69	---	---	---	---	51	51	---	---	---	---
22	46	45	1	---	---	---	20	19	1	---	---	---
21	38	38	---	---	---	---	23	23	---	---	---	---
20	59	58	1	---	---	---	6	5	1	---	---	---
19	12	12	---	---	---	---	8	8	---	---	---	---
18	61	61	---	---	---	---	9	9	---	---	---	---
16	4	4	---	---	---	---	1	1	---	---	---	---
15	2	2	---	---	---	---	---	---	---	---	---	---
14	2	2	---	---	---	---	1	1	---	---	---	---
DOMESTIC												
<b>Total</b>	<b>951</b>	<b>713</b>	<b>169</b>	<b>36</b>	<b>31</b>	<b>2</b>	<b>979</b>	<b>736</b>	<b>172</b>	<b>36</b>	<b>33</b>	<b>2</b>
29	---	---	---	---	---	---	8	8	---	---	---	---
28	15	15	---	---	---	---	369	360	---	---	9	---
27	31	31	---	---	---	---	102	102	---	---	---	---
26	28	27	---	---	1	---	65	64	---	---	1	---
25	27	22	---	---	5	---	24	24	---	---	---	---
24	70	38	---	31	1	---	69	28	---	33	8	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**DULUTH-SUPERIOR HARBOR, MN AND WI - continued**

Inbound

Outbound

## DOMESTIC

23	135	125	----	----	10	----	60	49	----	----	11	----
22	68	68	----	----	----	----	30	27	----	----	3	----
21	73	73	----	----	----	----	24	24	----	----	----	----
20	56	56	----	----	----	----	7	7	----	----	----	----
19	56	55	----	----	1	----	8	7	----	----	1	----
18	160	160	----	----	----	----	17	17	----	----	----	----
17	23	23	----	----	----	----	17	17	----	----	----	----
16	18	16	----	----	----	2	1	1	----	----	----	----
15	3	3	----	----	----	----	----	----	----	----	----	----
14	1	1	----	----	----	----	1	1	----	----	----	----
13	1	----	1	----	----	----	1	----	1	----	----	----
≤ 12	186	----	168	5	13	----	176	----	171	3	----	2
											Total trips:	2,695

**TACONITE HARBOR, MN**

Inbound

Outbound

<b>Grand Total</b>	<b>188</b>	<b>152</b>	<b>----</b>	<b>18</b>	<b>18</b>	<b>----</b>	<b>193</b>	<b>157</b>	<b>----</b>	<b>18</b>	<b>18</b>	<b>----</b>
--------------------	------------	------------	-------------	-----------	-----------	-------------	------------	------------	-------------	-----------	-----------	-------------

## FOREIGN

<b>Total</b>	<b>1</b>	<b>1</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>1</b>	<b>1</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>----</b>
23	1	1	----	----	----	----	1	1	----	----	----	----

## DOMESTIC

<b>Total</b>	<b>187</b>	<b>151</b>	<b>----</b>	<b>18</b>	<b>18</b>	<b>----</b>	<b>192</b>	<b>156</b>	<b>----</b>	<b>18</b>	<b>18</b>	<b>----</b>
28	3	----	----	----	3	----	105	102	----	----	3	----
27	1	1	----	----	----	----	48	37	----	----	11	----
26	1	1	----	----	----	----	1	1	----	----	----	----
25	5	5	----	----	----	----	----	----	----	18	----	----
24	27	7	----	18	2	----	18	----	----	----	----	----
23	74	67	----	----	7	----	1	1	----	----	----	----
22	35	32	----	----	3	----	----	----	----	----	----	----
21	11	11	----	----	----	----	----	----	----	----	----	----
20	2	2	----	----	----	----	----	----	----	----	----	----
19	13	13	----	----	----	----	15	15	----	----	----	----
18	7	7	----	----	----	----	----	----	----	----	----	----
17	5	5	----	----	----	----	----	----	----	----	----	----
9	3	----	----	----	3	----	4	----	----	----	4	----
											Total trips:	381

**ASHLAND HARBOR, WI**  
(22 feet and less)

Inbound

Outbound

<b>Grand Total</b>	<b>8</b>	<b>8</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>8</b>	<b>8</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>16</b>
											Total trips:	

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**BAYFIELD HARBOR, WI**  
(8 feet and less)

	Inbound						Outbound					
Grand Total	5,894	5,894	-----	-----	-----	-----	5,894	5,894	-----	-----	-----	-----
												Total trips: 11,788

**BEAVER BAY HARBOR, MN**  
No Vessel Trips Reported**CHIPPEWA HARBOR (ISLE ROYALE), MI**  
No Vessel Trips Reported**CORNUCOPIA HARBOR, WI**  
No Vessel Trips Reported**GRAND MARAIS HARBOR, MN**  
No Vessel Trips Reported**KNIFE RIVER HARBOR, MN**  
No Vessel Trips Reported**LA POINTE HARBOR, WI**  
(8 feet and less)

	Inbound						Outbound					
Grand Total	5,595	5,595	-----	-----	-----	-----	5,595	5,595	-----	-----	-----	-----
												Total trips: 11,190

**LUTSEN HARBOR, MN**  
No Vessel Trips Reported**PORT WING HARBOR, WI**  
No Vessel Trips Reported**WARROAD HARBOR, MN**  
No Vessel Trips Reported**SILVER BAY, MN**  
(28 feet and less)

	Inbound						Outbound					
Grand Total	137	137	-----	-----	-----	-----	141	141	-----	-----	-----	-----
												Total trips: 278

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**WAUKEGAN HARBOR, IL**

	Inbound						Outbound					
<b>Grand Total</b>	<b>227</b>	<b>64</b>	<b>-----</b>	<b>24</b>	<b>139</b>	<b>-----</b>	<b>231</b>	<b>67</b>	<b>-----</b>	<b>24</b>	<b>140</b>	<b>-----</b>

## FOREIGN

<b>Total</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>1</b>	<b>-----</b>	<b>-----</b>	<b>-----</b>	<b>1</b>	<b>-----</b>
18	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	1	-----

## DOMESTIC

<b>Total</b>	<b>227</b>	<b>64</b>	<b>-----</b>	<b>24</b>	<b>139</b>	<b>-----</b>	<b>230</b>	<b>67</b>	<b>-----</b>	<b>24</b>	<b>139</b>	<b>-----</b>
22	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
21	1	1	-----	-----	-----	-----	1	1	-----	-----	-----	-----
20	16	16	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	11	11	-----	-----	-----	-----	1	1	-----	-----	-----	-----
18	24	24	-----	-----	-----	-----	2	2	-----	-----	-----	-----
17	3	3	-----	-----	-----	-----	39	39	-----	-----	-----	-----
16	3	3	-----	-----	-----	-----	11	11	-----	-----	-----	-----
15	2	2	-----	-----	-----	-----	3	3	-----	-----	-----	-----
14	2	2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
13	-----	-----	-----	-----	-----	-----	1	1	-----	-----	-----	-----
≤ 12	164	1	-----	24	139	-----	172	9	-----	24	139	-----
											<b>Total trips:</b>	<b>458</b>

**CHICAGO RIVER (MAIN AND NORTH BRANCH), IL**

	Upbound						Downbound					
<b>Grand Total</b>	<b>1,470</b>	<b>1</b>	<b>-----</b>	<b>425</b>	<b>835</b>	<b>209</b>	<b>2,568</b>	<b>1,217</b>	<b>-----</b>	<b>420</b>	<b>825</b>	<b>106</b>

## DOMESTIC

<b>Total</b>	<b>1,470</b>	<b>1</b>	<b>-----</b>	<b>425</b>	<b>835</b>	<b>209</b>	<b>2,568</b>	<b>1,217</b>	<b>-----</b>	<b>420</b>	<b>825</b>	<b>106</b>
≤ 12	1,470	1	-----	425	835	209	2,568	1,217	-----	420	825	106
											<b>Total trips:</b>	<b>4,038</b>

**CHICAGO RIVER, SOUTH BRANCH, IL**

	Upbound						Downbound					
<b>Grand Total</b>	<b>3,166</b>	<b>1,217</b>	<b>-----</b>	<b>419</b>	<b>1,422</b>	<b>108</b>	<b>2,081</b>	<b>1</b>	<b>-----</b>	<b>459</b>	<b>1,411</b>	<b>210</b>

## DOMESTIC

<b>Total</b>	<b>3,166</b>	<b>1,217</b>	<b>-----</b>	<b>419</b>	<b>1,422</b>	<b>108</b>	<b>2,081</b>	<b>1</b>	<b>-----</b>	<b>459</b>	<b>1,411</b>	<b>210</b>
≤ 12	3,166	1,217	-----	419	1,422	108	2,081	1	-----	459	1,411	210
											<b>Total trips:</b>	<b>5,247</b>

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## LAKE CALUMET, IL

Upbound							Downbound					
Grand Total	1,105	44	50	132	701	178	1,156	44	53	125	734	200

## FOREIGN

Total	24	14	6	2	2	---	26	13	6	3	2	2
27	2	2	---	---	---	---	---	---	---	---	---	---
26	1	1	---	---	---	---	1	---	1	---	---	---
25	4	4	---	---	---	---	---	---	---	---	---	---
24	4	3	1	---	---	---	---	---	---	---	---	---
23	1	---	1	---	---	---	2	1	1	---	---	---
22	2	2	---	---	---	---	3	3	---	---	---	---
21	3	2	1	---	---	---	6	4	2	---	---	---
20	1	---	1	---	---	---	3	2	1	---	---	---
19	2	---	---	---	2	---	2	1	1	---	---	---
16	1	---	1	---	---	---	1	1	---	---	---	---
15	1	---	1	---	---	---	3	1	---	---	2	---
≤ 12	2	---	---	2	---	---	5	---	---	3	---	2

## DOMESTIC

Total	1,081	30	44	130	699	178	1,130	31	47	122	732	198
22	11	11	---	---	---	---	---	---	---	---	---	---
21	15	9	6	---	---	---	2	1	1	---	---	---
20	3	2	1	---	---	---	---	---	---	---	---	---
19	2	2	---	---	---	---	3	3	---	---	---	---
18	1	1	---	---	---	---	3	3	---	---	---	---
17	5	2	3	---	---	---	3	3	---	---	---	---
16	2	2	---	---	---	---	11	11	---	---	---	---
15	1	1	---	---	---	---	10	10	---	---	---	---
14	3	---	---	3	---	---	4	---	---	4	---	---
13	10	---	4	6	---	---	21	---	17	4	---	---
≤ 12	1,028	---	30	121	699	178	1,073	---	29	114	732	198
Total trips:											2,261	

## CALUMET HARBOR AND RIVER, IL AND IN

Upbound							Downbound					
Grand Total	10,463	433	102	3,285	5,828	815	10,976	1,663	102	2,863	5,706	642

## FOREIGN

Total	272	219	11	20	6	16	272	224	12	17	3	16
30	---	---	---	---	---	---	1	1	---	---	---	---
28	---	---	---	---	---	---	1	---	1	---	---	---
27	3	3	---	---	---	---	21	21	---	---	---	---
26	24	20	4	---	---	---	41	41	---	---	---	---
25	3	3	---	---	---	---	25	25	---	---	---	---
24	7	7	---	---	---	---	35	35	1	---	---	---
23	13	12	1	---	---	---	48	47	1	---	---	---
22	53	53	---	---	---	---	29	27	2	---	---	---
21	27	25	2	---	---	---	17	14	1	---	---	2
20	41	40	1	---	---	---	9	7	2	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**CALUMET HARBOR AND RIVER, IL AND IN - continued**  
Upbound

Downbound

## FOREIGN

19	43	41	1	---	---	1	9	4	---	---	3	2
18	6	2	---	---	---	4	1	1	---	---	---	---
17	3	3	---	---	---	---	---	---	---	---	---	---
16	12	6	1	4	1	---	6	---	2	4	---	---
15	8	4	---	---	3	1	1	---	1	---	---	---
14	6	---	---	2	2	---	5	---	---	1	---	4
≤ 12	23	---	1	14	---	8	22	1	1	12	---	8

## DOMESTIC

<b>Total</b>	<b>10,191</b>	<b>214</b>	<b>91</b>	<b>3,265</b>	<b>5,822</b>	<b>799</b>	<b>10,704</b>	<b>1,439</b>	<b>90</b>	<b>2,846</b>	<b>5,703</b>	<b>626</b>
28	1	1	---	---	---	---	9	9	---	---	---	---
27	2	1	---	---	1	---	38	36	---	---	2	---
26	1	1	---	---	---	---	37	37	---	---	---	---
25	1	1	---	---	---	---	12	12	---	---	---	---
24	8	5	---	2	1	---	8	6	---	2	---	---
23	18	18	---	---	---	---	2	2	---	---	---	---
22	12	12	---	---	---	---	18	18	---	---	---	---
21	33	32	1	---	---	---	40	35	5	---	---	---
20	16	16	---	---	---	---	4	3	1	---	---	---
19	9	9	---	---	---	---	3	2	---	---	---	1
18	76	76	---	---	---	---	19	19	---	---	---	---
17	9	9	---	---	---	---	33	28	4	---	1	---
16	13	11	---	2	---	---	11	8	---	2	---	1
15	13	13	---	---	---	---	3	3	---	---	---	---
14	7	1	---	6	---	---	11	5	---	4	---	2
13	60	1	15	44	---	---	40	---	3	37	---	---
≤ 12	9,912	7	75	3,211	5,820	799	10,416	1,216	77	2,801	5,700	622
<b>Total trips:</b>											<b>21,439</b>	

**PORT OF CHICAGO, IL**

Inbound

Outbound

<b>Grand Total</b>	<b>26,660</b>	<b>8,694</b>	<b>105</b>	<b>5,188</b>	<b>9,883</b>	<b>2,790</b>	<b>26,595</b>	<b>8,688</b>	<b>103</b>	<b>5,224</b>	<b>9,766</b>	<b>2,814</b>
--------------------	---------------	--------------	------------	--------------	--------------	--------------	---------------	--------------	------------	--------------	--------------	--------------

## FOREIGN

<b>Total</b>	<b>273</b>	<b>225</b>	<b>12</b>	<b>17</b>	<b>3</b>	<b>16</b>	<b>272</b>	<b>219</b>	<b>11</b>	<b>20</b>	<b>6</b>	<b>16</b>
30	1	1	---	---	---	---	---	---	---	---	---	---
28	1	---	1	---	---	---	---	---	---	---	---	---
27	21	21	---	---	---	---	3	3	---	---	---	---
26	41	41	---	---	---	---	24	20	4	---	---	---
25	25	25	---	---	---	---	3	3	---	---	---	---
24	36	35	1	---	---	---	7	7	---	---	---	---
23	48	47	1	---	---	---	13	12	1	---	---	---
22	29	27	2	---	---	---	53	53	---	---	---	---
21	17	14	1	---	---	2	27	25	2	---	---	---
20	9	7	2	---	---	---	41	40	1	---	---	---
19	9	4	---	---	3	2	43	41	1	---	---	1
18	1	1	---	---	---	---	6	2	---	---	---	4
17	---	---	---	---	---	---	3	3	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**PORT OF CHICAGO, IL - continued**

Inbound

Outbound

## FOREIGN

16	6	----	2	4	----	----	12	6	1	4	1	----
15	1	----	1	----	----	----	8	4	----	----	3	1
14	5	----	----	1	----	4	6	----	----	2	2	2
≤ 12	23	2	1	12	----	8	23	----	1	14	----	8

## DOMESTIC

<b>Total</b>	<b>26,387</b>	<b>8,469</b>	<b>93</b>	<b>5,171</b>	<b>9,880</b>	<b>2,774</b>	<b>26,323</b>	<b>8,469</b>	<b>92</b>	<b>5,204</b>	<b>9,760</b>	<b>2,798</b>
28	9	9	----	----	----	----	1	1	----	----	----	----
27	38	36	----	----	2	----	2	1	----	----	1	----
26	37	37	----	----	----	----	1	1	----	----	----	----
25	12	12	----	----	----	----	1	1	----	----	----	----
24	8	6	----	2	----	----	8	5	----	2	1	----
23	2	2	----	----	----	----	18	18	----	----	----	----
22	18	18	----	----	----	----	12	12	----	----	----	----
21	40	34	6	----	----	----	34	33	1	----	----	----
20	5	4	1	----	----	----	15	15	----	----	----	----
19	3	2	----	----	----	1	9	9	----	----	----	----
18	15	15	----	----	----	----	80	80	----	----	----	----
17	33	28	4	----	1	----	9	9	----	----	----	----
16	11	8	----	2	----	1	13	11	----	2	----	----
15	3	3	----	----	----	----	13	13	----	----	----	----
14	13	5	----	6	----	2	9	1	----	8	----	----
13	49	----	4	45	----	----	57	1	17	39	----	----
≤ 12	26,091	8,250	78	5,116	9,877	2,770	26,041	8,258	74	5,153	9,758	2,798
											<b>Total trips:</b>	<b>53,255</b>

**INDIANA HARBOR, IN**

Inbound

Outbound

<b>Grand Total</b>	<b>4,314</b>	<b>1,081</b>	<b>305</b>	<b>1,603</b>	<b>444</b>	<b>881</b>	<b>4,381</b>	<b>1,079</b>	<b>315</b>	<b>1,631</b>	<b>430</b>	<b>926</b>
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## FOREIGN

<b>Total</b>	<b>45</b>	<b>39</b>	<b>----</b>	<b>3</b>	<b>----</b>	<b>3</b>	<b>48</b>	<b>44</b>	<b>----</b>	<b>2</b>	<b>----</b>	<b>2</b>
28	1	1	----	----	----	----	----	----	----	----	----	----
27	23	23	----	----	----	----	----	----	----	----	----	----
26	14	14	----	----	----	----	1	1	----	----	----	----
25	----	----	----	----	----	----	1	1	----	----	----	----
24	1	1	----	----	----	----	----	----	----	----	----	----
22	----	----	----	----	----	----	42	42	----	----	----	----
20	----	----	----	----	----	----	1	----	----	----	----	1
14	1	----	----	----	----	1	----	----	----	----	----	----
≤ 12	5	----	----	3	----	2	3	----	2	----	----	1

## DOMESTIC

<b>Total</b>	<b>4,269</b>	<b>1,042</b>	<b>305</b>	<b>1,600</b>	<b>444</b>	<b>878</b>	<b>4,333</b>	<b>1,035</b>	<b>315</b>	<b>1,629</b>	<b>430</b>	<b>924</b>
31	11	11	----	----	----	----	----	----	----	----	----	----
30	49	49	----	----	----	----	----	----	----	----	----	----
29	10	10	----	----	----	----	----	----	----	----	----	----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## INDIANA HARBOR, IN - continued

Inbound

Outbound

## DOMESTIC

28	140	139	----	----	1	----	----	----	----	----	----	----
27	108	82	----	----	26	----	1	1	----	----	----	----
26	17	12	----	----	5	----	2	2	----	----	----	----
25	3	1	----	----	2	----	----	----	----	----	----	----
24	37	1	----	33	3	----	38	9	----	29	----	----
23	4	2	----	----	2	----	37	37	----	----	----	----
22	----	----	----	----	----	----	12	12	----	----	----	----
21	7	7	----	----	----	----	176	175	1	----	----	----
20	2	2	----	----	----	----	10	10	----	----	----	----
19	----	----	----	----	----	----	40	9	----	----	----	31
18	3	3	----	----	----	----	104	54	----	----	----	50
17	51	3	----	----	----	48	42	1	----	----	4	37
16	75	----	----	75	----	----	117	4	----	81	----	32
15	----	----	----	----	----	----	26	1	----	----	----	25
14	53	----	----	53	----	----	71	----	----	49	----	22
13	28	----	----	28	----	----	33	----	3	28	----	2
≤ 12	3,671	720	305	1,411	405	830	3,624	720	311	1,442	426	725
											Total trips:	8,695

## BURNS WATERWAY HARBOR, IN

Inbound

Outbound

Grand Total	2,244	238	85	774	1,097	50	2,193	226	85	683	1,154	45
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## FOREIGN

Total	144	144	----	----	----	----	143	143	----	----	----	----
27	29	29	----	----	----	----	1	1	----	----	----	----
26	89	89	----	----	----	----	6	6	----	----	----	----
25	8	8	----	----	----	----	3	3	----	----	----	----
24	5	5	----	----	----	----	5	5	----	----	----	----
23	5	5	----	----	----	----	5	5	----	----	----	----
22	4	4	----	----	----	----	64	64	----	----	----	----
21	----	----	----	----	----	----	9	9	----	----	----	----
20	3	3	----	----	----	----	14	14	----	----	----	----
19	----	----	----	----	----	----	18	18	----	----	----	----
18	----	----	----	----	----	----	4	4	----	----	----	----
17	----	----	----	----	----	----	3	3	----	----	----	----
16	1	1	----	----	----	----	10	10	----	----	----	----
15	----	----	----	----	----	----	1	1	----	----	----	----

## DOMESTIC

Total	2,100	94	85	774	1,097	50	2,050	83	85	683	1,154	45
28	57	55	----	----	2	----	----	----	----	----	----	----
27	26	20	----	----	6	----	----	----	----	----	----	----
26	9	7	----	----	2	----	3	3	----	----	----	----
25	4	4	----	----	----	----	----	----	----	----	----	----
24	8	----	----	8	----	----	8	1	----	7	----	----
23	----	----	----	----	----	----	2	2	----	----	----	----
22	1	1	----	----	----	----	25	25	----	----	----	----



Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**BURNS WATERWAY HARBOR, IN - continued**  
Inbound

Outbound

## DOMESTIC

21	3	3	---	---	---	---	1	1	---	---	---	---
20	---	---	---	---	---	---	34	34	---	---	---	---
19	1	1	---	---	---	---	2	2	---	---	---	---
18	2	2	---	---	---	---	8	8	---	---	---	---
17	1	1	---	---	---	---	4	3	---	---	1	---
16	---	---	---	---	---	---	4	4	---	---	---	---
14	2	---	---	2	---	---	1	---	---	1	---	---
13	---	---	---	---	---	---	1	---	---	1	---	---
≤ 12	1,986	---	85	764	1,087	50	1,957	---	85	674	1,153	45
										Total trips:		4,437

**CHICAGO HARBOR, IL**  
(13 feet and less)

Upbound

Downbound

Grand Total	8,307	8,157	----	146	2	2	8,481	8,345	----	132	2	2
										Total trips:		16,788

**MICHIGAN CITY HARBOR, IN**  
No Vessel Trips Reported**BUFFINGTON HARBOR, IN**  
(28 feet and less)

Inbound

Outbound

Grand Total	67	19	2	12	34	----	67	20	2	12	33	----
										Total trips:		134

**GARY HARBOR, IN**  
(30 feet and less)

Inbound

Outbound

Grand Total	1,024	151	20	400	453	----	1,024	150	17	418	439	----
										Total trips:		2,048

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## PRESQUE ISLE HARBOR, MI

Inbound							Outbound					
<b>Grand Total</b>	<b>332</b>	<b>320</b>	----	<b>6</b>	<b>6</b>	----	<b>333</b>	<b>321</b>	----	<b>6</b>	<b>6</b>	----

## FOREIGN

<b>Total</b>	<b>88</b>	<b>88</b>	----	----	----	----	<b>95</b>	<b>95</b>	----	----	----	----
28	----	----	----	----	----	----	1	1	----	----	----	----
26	----	----	----	----	----	----	2	2	----	----	----	----
24	3	3	----	----	----	----	45	45	----	----	----	----
23	20	20	----	----	----	----	43	43	----	----	----	----
22	31	31	----	----	----	----	2	2	----	----	----	----
21	28	28	----	----	----	----	1	1	----	----	----	----
20	3	3	----	----	----	----	----	----	----	----	----	----
19	3	3	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	1	1	----	----	----	----

## DOMESTIC

<b>Total</b>	<b>244</b>	<b>232</b>	----	<b>6</b>	<b>6</b>	----	<b>238</b>	<b>226</b>	----	<b>6</b>	<b>6</b>	----
29	----	----	----	----	----	----	21	21	----	----	----	----
28	5	5	----	----	----	----	123	117	----	----	6	----
27	4	4	----	----	----	----	43	43	----	----	----	----
26	5	5	----	----	----	----	18	18	----	----	----	----
25	9	9	----	----	----	----	----	----	----	----	----	----
24	23	17	----	6	----	----	6	----	6	----	----	----
23	36	30	----	----	6	----	----	----	----	----	----	----
22	3	3	----	----	----	----	1	1	----	----	----	----
21	31	31	----	----	----	----	7	7	----	----	----	----
20	10	10	----	----	----	----	5	5	----	----	----	----
19	6	6	----	----	----	----	3	3	----	----	----	----
18	94	94	----	----	----	----	6	6	----	----	----	----
17	2	2	----	----	----	----	5	5	----	----	----	----
16	1	1	----	----	----	----	----	----	----	----	----	----
15	15	15	----	----	----	----	----	----	----	----	----	----
<b>Total trips:</b>											<b>665</b>	----

## MARQUETTE HARBOR, MI

Inbound							Outbound					
<b>Grand Total</b>	<b>263</b>	<b>263</b>	----	----	----	----	<b>261</b>	<b>261</b>	----	----	----	----

## DOMESTIC

<b>Total</b>	<b>263</b>	<b>263</b>	----	----	----	----	<b>261</b>	<b>261</b>	----	----	----	----
23	12	12	----	----	----	----	5	5	----	----	----	----
22	22	22	----	----	----	----	3	3	----	----	----	----
21	----	----	----	----	----	----	4	4	----	----	----	----
20	1	1	----	----	----	----	3	3	----	----	----	----
19	----	----	----	----	----	----	12	12	----	----	----	----
18	----	----	----	----	----	----	4	4	----	----	----	----
17	----	----	----	----	----	----	1	1	----	----	----	----
16	----	----	----	----	----	----	1	1	----	----	----	----
15	----	----	----	----	----	----	1	1	----	----	----	----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**MARQUETTE HARBOR, MI - continued**  
Inbound

Outbound

## DOMESTIC

≤ 12	228	228	----	----	----	----	228	228	----	----	----	----
											<b>Total trips:</b>	<b>524</b>

**ONTONAGON HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>23</b>	<b>23</b>	----	----	----	----	<b>24</b>	<b>24</b>	----	----	----	----
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## DOMESTIC

<b>Total</b>	<b>23</b>	<b>23</b>	----	----	----	----	<b>24</b>	<b>24</b>	----	----	----	----
23	10	10	----	----	----	----	1	1	----	----	----	----
22	8	8	----	----	----	----	1	1	----	----	----	----
21	5	5	----	----	----	----	13	13	----	----	----	----
20	5	5	----	----	----	----	2	2	----	----	----	----
19	----	----	----	----	----	----	2	2	----	----	----	----
18	----	----	----	----	----	----	2	2	----	----	----	----
17	----	----	----	----	----	----	2	2	----	----	----	----
15	----	----	----	----	----	----	1	1	----	----	----	----
											<b>Total trips:</b>	<b>47</b>

**DRUMMOND ISLAND, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>9,962</b>	<b>9,943</b>	----	<b>10</b>	<b>9</b>	----	<b>9,967</b>	<b>9,944</b>	----	<b>12</b>	<b>11</b>	----
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## FOREIGN

<b>Total</b>	<b>15</b>	<b>15</b>	----	----	----	----	<b>15</b>	<b>15</b>	----	----	----	----
25	4	4	----	----	----	----	4	4	----	----	----	----
24	5	5	----	----	----	----	5	5	----	----	----	----
23	2	2	----	----	----	----	2	2	----	----	----	----
22	3	3	----	----	----	----	1	1	----	----	----	----
21	3	3	----	----	----	----	2	2	----	----	----	----
20	5	5	----	----	----	----	1	1	----	----	----	----
19	2	2	----	----	----	----	----	----	----	----	----	----

## DOMESTIC

<b>Total</b>	<b>9,947</b>	<b>9,928</b>	----	<b>10</b>	<b>9</b>	----	<b>9,952</b>	<b>9,929</b>	----	<b>12</b>	<b>11</b>	----
28	2	2	----	----	----	----	2	2	----	----	2	----
27	1	1	----	----	----	----	1	1	----	----	1	----
26	1	1	----	----	----	----	1	1	----	----	1	----
25	2	2	----	----	2	----	6	3	----	----	3	----
24	6	6	----	6	----	----	20	9	----	7	4	----
23	11	10	----	----	----	----	11	10	----	----	1	----
22	19	19	----	----	----	----	19	19	----	----	----	----
21	1	1	----	----	----	----	2	2	----	----	----	----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**DRUMMOND ISLAND, MI - continued**  
Inbound

Outbound

## DOMESTIC

20	6	6	---	---	---	---	5	5	---	---	---	---
19	2	2	---	---	---	---	1	1	---	---	---	---
18	13	13	---	---	---	---	---	---	---	---	---	---
17	13	10	---	---	3	---	1	1	---	---	---	---
16	16	16	---	---	---	---	---	---	---	---	---	---
15	14	14	---	---	---	---	10	10	---	---	---	---
14	4	---	---	4	---	---	5	---	---	5	---	---
≤ 12	9,870	9,866	---	---	4	---	9,868	9,868	---	---	---	---
<b>Total trips:</b>											<b>19,929</b>	

**ST. MARYS RIVER, MI**

Upbound

Downbound

<b>Grand Total</b>	<b>36,449</b>	<b>36,178</b>	<b>---</b>	<b>202</b>	<b>66</b>	<b>3</b>	<b>36,298</b>	<b>36,068</b>	<b>2</b>	<b>178</b>	<b>47</b>	<b>3</b>
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## FOREIGN

<b>Total</b>	<b>187</b>	<b>175</b>	<b>---</b>	<b>7</b>	<b>4</b>	<b>1</b>	<b>151</b>	<b>138</b>	<b>1</b>	<b>7</b>	<b>4</b>	<b>1</b>
26	10	10	---	---	---	---	92	92	---	---	---	---
25	5	5	---	---	---	---	1	1	---	---	---	---
24	9	9	---	---	---	---	17	17	---	---	---	---
23	14	14	---	---	---	---	3	3	---	---	---	---
22	14	14	---	---	---	---	5	5	---	---	---	---
21	16	16	---	---	---	---	8	8	---	---	---	---
20	51	51	---	---	---	---	5	4	1	---	---	---
19	7	7	---	---	---	---	1	1	---	---	---	---
18	43	43	---	---	---	---	6	6	---	---	---	---
16	3	3	---	---	---	---	1	1	---	---	---	---
15	3	2	---	1	---	---	1	---	---	1	---	---
14	3	1	---	1	---	1	3	---	---	2	---	1
13	1	---	---	1	---	---	---	---	---	---	---	---
≤ 12	8	---	---	4	4	---	8	---	---	4	4	---

## DOMESTIC

<b>Total</b>	<b>36,262</b>	<b>36,003</b>	<b>---</b>	<b>195</b>	<b>62</b>	<b>2</b>	<b>36,147</b>	<b>35,930</b>	<b>1</b>	<b>171</b>	<b>43</b>	<b>2</b>
29	---	---	---	---	---	---	51	51	---	---	---	---
28	14	12	---	---	2	---	707	683	---	---	24	---
27	42	39	---	2	1	---	253	238	---	2	13	---
26	30	29	---	---	1	---	181	181	---	---	---	---
25	66	56	---	---	10	---	15	15	---	---	---	---
24	194	136	---	53	5	---	53	8	---	40	5	---
23	248	225	---	---	23	---	9	8	---	---	1	---
22	130	130	---	---	---	---	7	7	---	---	---	---
21	109	108	---	---	1	---	4	4	---	---	---	---
20	77	77	---	---	---	---	3	3	---	---	---	---
19	87	87	---	---	---	---	2	2	---	---	---	---
18	294	294	---	---	---	---	3	3	---	---	---	---
17	34	31	---	---	3	---	17	17	---	---	---	---
16	33	31	---	---	---	2	1	1	---	---	---	---
15	44	44	---	---	---	---	---	---	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**ST. MARYS RIVER, MI - continued**

Upbound

Downbound

## DOMESTIC

14	10	1	---	9	---	---	1	1	---	---	---	---
≤ 12	34,850	34,703	---	131	16	---	34,840	34,708	1	129	---	2
<b>Total trips:</b>											<b>72,747</b>	

**ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN (INCLUDED IN ST. MARYS RIVER)**

Upbound

Downbound

<b>Grand Total</b>	<b>1,437</b>	<b>1,349</b>	<b>---</b>	<b>44</b>	<b>42</b>	<b>2</b>	<b>1,436</b>	<b>1,348</b>	<b>1</b>	<b>42</b>	<b>43</b>	<b>2</b>
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## FOREIGN

<b>Total</b>	<b>153</b>	<b>153</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>127</b>	<b>126</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>---</b>
26	9	9	---	---	---	---	92	92	---	---	---	---
25	1	1	---	---	---	---	---	---	---	---	---	---
24	4	4	---	---	---	---	17	17	---	---	---	---
23	12	12	---	---	---	---	1	1	---	---	---	---
22	12	12	---	---	---	---	3	3	---	---	---	---
21	14	14	---	---	---	---	5	5	---	---	---	---
20	47	47	---	---	---	---	3	2	1	---	---	---
19	6	6	---	---	---	---	---	---	---	---	---	---
18	42	42	---	---	---	---	5	5	---	---	---	---
16	3	3	---	---	---	---	1	1	---	---	---	---
15	2	2	---	---	---	---	---	---	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---

## DOMESTIC

<b>Total</b>	<b>1,284</b>	<b>1,196</b>	<b>---</b>	<b>44</b>	<b>42</b>	<b>2</b>	<b>1,309</b>	<b>1,222</b>	<b>---</b>	<b>42</b>	<b>43</b>	<b>2</b>
29	---	---	---	---	---	---	51	51	---	---	---	---
28	12	12	---	---	---	---	707	683	---	---	24	---
27	41	39	---	2	---	---	253	238	---	2	13	---
26	29	28	---	---	1	---	181	181	---	---	---	---
25	58	53	---	---	5	---	15	15	---	---	---	---
24	168	127	---	40	1	---	53	8	---	40	5	---
23	243	221	---	---	22	---	9	8	---	---	1	---
22	124	124	---	---	---	---	7	7	---	---	---	---
21	105	104	---	---	1	---	4	4	---	---	---	---
20	66	66	---	---	---	---	3	3	---	---	---	---
19	84	84	---	---	---	---	2	2	---	---	---	---
18	281	281	---	---	---	---	3	3	---	---	---	---
17	20	20	---	---	---	---	17	17	---	---	---	---
16	17	15	---	---	---	2	1	1	---	---	---	---
15	20	20	---	---	---	---	---	---	---	---	---	---
14	1	1	---	---	---	---	1	1	---	---	---	---
≤ 12	15	1	---	2	12	---	2	---	---	---	---	2
<b>Total trips:</b>											<b>2,873</b>	

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## GRAYS REEF PASSAGE, MI

Upbound

Downbound

<b>Grand Total</b>	<b>1,338</b>	<b>844</b>	<b>28</b>	<b>226</b>	<b>115</b>	<b>125</b>	<b>939</b>	<b>476</b>	<b>28</b>	<b>235</b>	<b>83</b>	<b>117</b>
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## FOREIGN

<b>Total</b>	<b>9</b>	<b>1</b>	<b>1</b>	----	<b>7</b>	----	<b>5</b>	----	----	----	<b>5</b>	----
22	6	----	----	----	6	----	----	----	----	----	----	----
21	2	----	1	----	1	----	----	----	----	----	----	----
20	1	1	----	----	----	----	----	----	----	----	----	----
≤ 12	----	----	----	----	----	----	5	----	----	----	5	----

## DOMESTIC

<b>Total</b>	<b>1,329</b>	<b>843</b>	<b>27</b>	<b>226</b>	<b>108</b>	<b>125</b>	<b>934</b>	<b>476</b>	<b>28</b>	<b>235</b>	<b>78</b>	<b>117</b>
25	37	37	----	----	----	----	41	35	----	----	6	----
24	121	78	----	43	----	----	101	49	----	46	6	----
23	85	62	----	----	23	----	88	79	----	----	9	----
22	73	71	2	----	----	----	100	97	----	----	3	----
21	138	126	12	----	----	----	104	97	6	----	1	----
20	60	57	3	----	----	----	47	47	----	----	----	----
19	42	21	1	----	----	20	24	24	----	----	----	----
18	187	166	1	----	----	20	8	8	----	----	----	----
17	160	104	1	----	11	44	61	16	----	----	----	45
16	118	24	1	68	----	25	66	3	----	63	----	----
15	32	25	----	----	----	7	22	21	----	----	----	1
14	46	----	----	39	----	7	41	----	----	41	----	----
13	33	24	----	9	----	----	36	----	20	16	----	----
≤ 12	197	48	6	67	74	2	195	----	2	69	53	71
<b>Total trips:</b>											<b>2,277</b>	

## GLADSTONE HARBOR, MI

Inbound

Outbound

<b>Grand Total</b>	<b>23</b>	<b>13</b>	----	<b>5</b>	----	<b>5</b>	<b>22</b>	<b>12</b>	----	<b>5</b>	----	<b>5</b>
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## FOREIGN

<b>Total</b>	<b>2</b>	<b>2</b>	----	----	----	----	<b>2</b>	<b>2</b>	----	----	----	----
22	1	1	----	----	----	----	----	----	----	----	----	----
21	1	1	----	----	----	----	----	----	----	----	----	----
19	----	----	----	----	----	----	2	2	----	----	----	----

## DOMESTIC

<b>Total</b>	<b>21</b>	<b>11</b>	----	<b>5</b>	----	<b>5</b>	<b>20</b>	<b>10</b>	----	<b>5</b>	----	<b>5</b>
23	1	1	----	----	----	----	----	----	----	----	----	----
22	4	4	----	----	----	----	1	1	----	----	----	----
21	6	6	----	----	----	----	7	7	----	----	----	----
20	----	----	----	----	----	----	1	1	----	----	----	----
19	1	----	----	----	----	1	----	----	----	----	----	----
17	2	----	----	----	2	----	----	----	----	----	----	----
16	2	----	1	----	1	----	2	1	----	1	----	----
15	1	----	----	----	1	----	----	----	----	----	----	----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**GLADSTONE HARBOR, MI - continued**  
Inbound

Outbound

## DOMESTIC

14	2	---	---	2	---	---	2	---	---	2	---	---
13	1	---	---	1	---	---	1	---	---	1	---	---
≤ 12	1	---	---	1	---	---	6	---	---	1	---	5
Total trips:											45	

**CHARLEVOIX HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>592</b>	<b>419</b>	<b>54</b>	<b>114</b>	<b>5</b>	<b>---</b>	<b>639</b>	<b>481</b>	<b>52</b>	<b>99</b>	<b>7</b>	<b>---</b>
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## FOREIGN

<b>Total</b>	<b>5</b>	---	---	---	<b>5</b>	---	<b>8</b>	<b>1</b>	---	---	<b>7</b>	---
22	---	---	---	---	---	---	6	---	---	---	6	---
21	---	---	---	---	---	---	1	---	---	---	1	---
20	---	---	---	---	---	---	1	1	---	---	---	---
11	5	---	---	---	5	---	---	---	---	---	---	---

## DOMESTIC

<b>Total</b>	<b>587</b>	<b>419</b>	<b>54</b>	<b>114</b>	---	---	<b>631</b>	<b>480</b>	<b>52</b>	<b>99</b>	---	---
23	4	4	---	---	---	---	---	---	---	---	---	---
22	6	6	---	---	---	---	24	22	2	---	---	---
21	1	---	1	---	---	---	68	39	29	---	---	---
20	---	---	---	---	---	---	19	13	6	---	---	---
19	14	14	---	---	---	---	2	1	1	---	---	---
18	---	---	---	---	---	---	15	14	1	---	---	---
17	1	1	---	---	---	---	12	3	9	---	---	---
16	8	8	---	---	---	---	8	6	2	---	---	---
15	59	59	---	---	---	---	---	---	---	---	---	---
14	3	---	---	3	---	---	2	---	---	2	---	---
13	98	---	53	45	---	---	47	---	2	45	---	---
12	6	6	---	---	---	---	---	---	---	---	---	---
11	7	1	---	6	---	---	6	---	---	6	---	---
9	60	---	---	60	---	---	46	---	---	46	---	---
8	320	320	---	---	---	---	382	382	---	---	---	---
Total trips:											1,231	

**TRAVERSE CITY HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>374</b>	<b>256</b>	<b>6</b>	<b>53</b>	<b>---</b>	<b>59</b>	<b>360</b>	<b>256</b>	<b>6</b>	<b>53</b>	<b>---</b>	<b>45</b>
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## FOREIGN

<b>Total</b>	---	---	---	---	---	---	<b>1</b>	---	<b>1</b>	---	---	---
21	---	---	---	---	---	---	1	---	1	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**TRAVERSE CITY HARBOR, MI - continued**  
Inbound

Outbound

## DOMESTIC

<b>Total</b>	<b>374</b>	<b>256</b>	<b>6</b>	<b>53</b>	----	<b>59</b>	<b>359</b>	<b>256</b>	<b>5</b>	<b>53</b>	----	<b>45</b>
21	6	-----	6	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	-----	-----	-----	-----	-----	-----	1	-----	1	-----	-----	-----
19	4	-----	-----	-----	-----	4	-----	-----	-----	-----	-----	-----
18	26	-----	-----	-----	-----	26	-----	-----	-----	-----	-----	-----
17	29	-----	-----	-----	-----	29	44	-----	-----	-----	-----	44
16	53	-----	-----	53	-----	-----	53	-----	-----	53	-----	-----
≤ 12	256	256	-----	-----	-----	-----	261	256	4	-----	-----	1
<b>Total trips:</b>												<b>734</b>

**MANISTEE HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>45</b>	<b>35</b>	----	<b>5</b>	<b>5</b>	----	<b>45</b>	<b>35</b>	----	<b>5</b>	<b>5</b>	----
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## FOREIGN

<b>Total</b>	<b>1</b>	<b>1</b>	----	----	----	----	<b>1</b>	<b>1</b>	----	----	----	----
21	1	1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	-----	-----	-----	-----	-----	-----	1	1	-----	-----	-----	-----

## DOMESTIC

<b>Total</b>	<b>44</b>	<b>34</b>	----	<b>5</b>	<b>5</b>	----	<b>44</b>	<b>34</b>	----	<b>5</b>	<b>5</b>	----
27	1	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	-----
23	12	12	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
22	5	5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
21	7	7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
20	6	6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
19	3	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
18	1	1	-----	-----	-----	-----	13	13	-----	-----	-----	-----
17	-----	-----	-----	-----	-----	-----	15	14	-----	-----	1	-----
16	-----	-----	-----	-----	-----	-----	2	2	-----	-----	-----	-----
15	-----	-----	-----	-----	-----	-----	5	5	-----	-----	-----	-----
14	1	-----	-----	1	-----	-----	1	-----	-----	1	-----	-----
≤ 12	8	-----	-----	4	4	-----	8	-----	-----	4	4	-----
<b>Total trips:</b>												<b>90</b>

**LUDINGTON HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>688</b>	<b>250</b>	<b>2</b>	<b>218</b>	<b>176</b>	<b>42</b>	<b>697</b>	<b>253</b>	<b>2</b>	<b>226</b>	<b>174</b>	<b>42</b>
------------------------	------------	------------	----------	------------	------------	-----------	------------	------------	----------	------------	------------	-----------

## FOREIGN

<b>Total</b>	<b>12</b>	<b>5</b>	<b>1</b>	----	<b>4</b>	<b>2</b>	<b>14</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>1</b>
24	5	5	-----	-----	-----	-----	6	6	-----	-----	-----	-----



Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**LUDINGTON HARBOR, MI - continued**  
Inbound

Outbound

## FOREIGN

23	---	---	---	---	---	---	1	---	1	---	---	---
22	---	---	---	---	---	---	1	---	1	---	---	---
18	1	---	1	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	3	---	---	1	2	---
≤ 12	6	---	---	---	4	2	3	---	---	---	2	1

## DOMESTIC

<b>Total</b>	<b>676</b>	<b>245</b>	<b>1</b>	<b>218</b>	<b>172</b>	<b>40</b>	<b>683</b>	<b>247</b>	<b>---</b>	<b>225</b>	<b>170</b>	<b>41</b>
28	2	2	---	---	---	---	---	---	---	---	---	---
27	3	3	---	---	---	---	---	---	---	---	---	---
26	15	15	---	---	---	---	---	---	---	---	---	---
25	4	4	---	---	---	---	1	1	---	---	---	---
24	2	2	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	5	4	---	---	1	---
22	---	---	---	---	---	---	1	1	---	---	---	---
21	1	1	---	---	---	---	7	7	---	---	---	---
20	1	1	---	---	---	---	4	4	---	---	---	---
19	206	206	---	---	---	---	208	208	---	---	---	---
18	11	11	---	---	---	---	6	6	---	---	---	---
17	1	---	---	---	1	---	10	10	---	---	---	---
16	---	---	---	---	---	---	12	---	---	---	---	12
15	1	---	---	---	---	1	8	6	---	---	---	2
14	1	---	---	1	---	---	---	---	---	1	---	---
13	2	---	---	2	---	---	2	---	---	2	---	---
≤ 12	426	---	1	215	171	39	418	---	---	222	169	27
<b>Total trips:</b>											<b>1,385</b>	

**MUSKEGON HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>265</b>	<b>228</b>	<b>---</b>	<b>23</b>	<b>8</b>	<b>6</b>	<b>250</b>	<b>222</b>	<b>---</b>	<b>15</b>	<b>8</b>	<b>5</b>
--------------------	------------	------------	------------	-----------	----------	----------	------------	------------	------------	-----------	----------	----------

## FOREIGN

<b>Total</b>	<b>13</b>	<b>12</b>	<b>---</b>	<b>1</b>	<b>---</b>	<b>---</b>	<b>11</b>	<b>11</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
25	1	1	---	---	---	---	---	---	---	---	---	---
24	9	9	---	---	---	---	1	1	---	---	---	---
23	2	2	---	---	---	---	3	3	---	---	---	---
22	---	---	---	---	---	---	5	5	---	---	---	---
20	---	---	---	---	---	---	1	1	---	---	---	---
19	---	---	---	---	---	---	1	1	---	---	---	---
≤ 12	1	---	---	1	---	---	---	---	---	---	---	---

## DOMESTIC

<b>Total</b>	<b>252</b>	<b>216</b>	<b>---</b>	<b>22</b>	<b>8</b>	<b>6</b>	<b>239</b>	<b>211</b>	<b>---</b>	<b>15</b>	<b>8</b>	<b>5</b>
27	8	8	---	---	---	---	---	---	---	---	---	---
26	3	3	---	---	---	---	---	---	---	---	---	---
25	1	1	---	---	---	---	---	---	---	---	---	---
24	21	15	---	3	3	---	4	1	---	3	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**MUSKEGON HARBOR, MI - continued**  
Inbound

Outbound

## DOMESTIC

23	19	18	---	---	1	---	3	---	---	---	3	---
22	15	14	---	---	1	---	2	2	---	---	---	---
21	21	21	---	---	---	---	16	16	---	---	---	---
20	10	10	---	---	---	---	3	3	---	---	---	---
19	1	1	---	---	---	---	6	6	---	---	---	---
18	4	4	---	---	---	---	16	16	---	---	---	---
17	1	1	---	---	---	---	30	28	---	---	2	---
16	4	1	---	3	---	---	12	10	---	2	---	---
15	3	3	---	---	---	---	5	5	---	---	---	---
14	5	1	---	4	---	---	6	1	---	5	---	---
13	---	---	---	---	---	---	2	2	---	---	---	---
≤ 12	136	115	---	12	3	6	134	121	---	5	3	5
											Total trips:	515

**GRAND HAVEN HARBOR AND GRAND RIVER, MI**  
Upbound

Downbound

Grand Total	108	72	7	26	2	1	101	74	5	21	1	---
-------------	-----	----	---	----	---	---	-----	----	---	----	---	-----

## FOREIGN

Total	13	13	---	---	---	---	13	13	---	---	---	---
23	2	2	---	---	---	---	6	6	---	---	---	---
22	8	8	---	---	---	---	7	7	---	---	---	---
21	2	2	---	---	---	---	---	---	---	---	---	---
19	1	1	---	---	---	---	---	---	---	---	---	---

## DOMESTIC

Total	95	59	7	26	2	1	88	61	5	21	1	---
25	1	1	---	---	---	---	---	---	---	---	---	---
22	15	15	---	---	---	---	13	13	---	---	---	---
21	15	12	3	---	---	---	10	10	---	---	---	---
20	6	6	---	---	---	---	---	---	---	---	---	---
19	1	1	---	---	---	---	2	2	---	---	---	---
18	---	---	---	---	---	---	11	11	---	---	---	---
17	5	3	2	---	---	---	11	11	---	---	---	---
16	16	15	1	---	---	---	4	4	---	---	---	---
15	6	6	---	---	---	---	10	10	---	---	---	---
14	1	---	---	---	---	1	---	---	---	---	---	---
13	7	---	1	6	---	---	11	---	5	6	---	---
≤ 12	22	---	---	20	2	---	16	---	---	15	1	---
											Total trips:	209

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**HOLLAND HARBOR, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>39</b>	<b>29</b>	----	<b>9</b>	<b>1</b>	----	<b>38</b>	<b>28</b>	----	<b>9</b>	<b>1</b>	----

## FOREIGN

<b>Total</b>	<b>2</b>	<b>2</b>	----	----	----	----	<b>2</b>	<b>2</b>	----	----	----	----
21	2	2	----	----	----	----	1	1	----	----	----	----
19	----	----	----	----	----	----	1	1	----	----	----	----

## DOMESTIC

<b>Total</b>	<b>37</b>	<b>27</b>	----	<b>9</b>	<b>1</b>	----	<b>36</b>	<b>26</b>	----	<b>9</b>	<b>1</b>	----
24	2	2	----	----	----	----	----	----	----	----	----	----
23	8	8	----	----	----	----	----	----	----	----	----	----
22	7	7	----	----	----	----	----	----	----	----	----	----
21	7	7	----	----	----	----	----	----	----	----	----	----
20	1	1	----	----	----	----	----	----	----	----	----	----
17	2	2	----	----	----	----	20	20	----	----	----	----
16	----	----	----	----	----	----	2	2	----	----	----	----
15	----	----	----	----	----	----	4	4	----	----	----	----
12	1	----	----	1	----	----	1	----	----	1	----	----
11	7	----	----	7	----	----	7	----	----	7	----	----
10	----	----	----	----	----	----	1	----	----	----	1	----
8	1	----	----	1	----	----	1	----	----	1	----	----
3	1	----	----	----	1	----	----	----	----	----	----	----
<b>Total trips:</b>											<b>77</b>	----

**ST. JOSEPH HARBOR, MI**

	Upbound						Downbound					
<b>Grand Total</b>	<b>70</b>	<b>68</b>	----	<b>2</b>	----	----	<b>71</b>	<b>68</b>	----	<b>3</b>	----	----

## DOMESTIC

<b>Total</b>	<b>70</b>	<b>68</b>	----	<b>2</b>	----	----	<b>71</b>	<b>68</b>	----	<b>3</b>	----	----
24	4	4	----	----	----	----	----	----	----	----	----	----
23	3	3	----	----	----	----	----	----	----	----	----	----
22	16	16	----	----	----	----	----	----	----	----	----	----
21	25	25	----	----	----	----	----	----	----	----	----	----
19	4	4	----	----	----	----	----	----	----	----	----	----
18	4	4	----	----	----	----	----	----	----	----	----	----
17	4	4	----	----	----	----	9	9	----	----	----	----
16	3	3	----	----	----	----	15	15	----	----	----	----
15	3	3	----	----	----	----	6	6	----	----	----	----
14	1	1	----	----	----	----	3	3	----	----	----	----
13	1	1	----	----	----	----	13	13	----	----	----	----
≤ 12	2	----	----	2	----	----	25	22	----	3	----	----
<b>Total trips:</b>											<b>141</b>	----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**CHEBOYGAN HARBOR, MI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>471</b>	<b>355</b>	<b>5</b>	<b>56</b>	----	<b>55</b>	<b>459</b>	<b>355</b>	<b>5</b>	<b>51</b>	----	<b>48</b>

## FOREIGN

<b>Total</b>	----	----	----	----	----	----	<b>3</b>	----	<b>1</b>	----	----	<b>2</b>
19	----	----	----	----	----	----	2	----	----	----	----	2
16	----	----	----	----	----	----	1	----	1	----	----	----

## DOMESTIC

<b>Total</b>	<b>471</b>	<b>355</b>	<b>5</b>	<b>56</b>	----	<b>55</b>	<b>456</b>	<b>355</b>	<b>4</b>	<b>51</b>	----	<b>46</b>
21	4	----	4	----	----	----	----	----	----	----	----	----
20	1	----	1	----	----	----	----	----	----	----	----	----
19	5	----	----	----	----	5	1	----	----	----	----	1
18	14	----	----	----	----	14	----	----	----	----	----	----
17	35	----	----	----	----	35	45	----	----	----	----	45
16	55	----	----	55	----	----	50	----	----	50	----	----
14	1	----	----	1	----	----	1	----	----	1	----	----
12	----	----	----	----	----	----	4	----	4	----	----	----
6	355	355	----	----	----	----	355	355	----	----	----	----
5	1	----	----	----	----	1	----	----	----	----	----	----
<b>Total trips:</b>												<b>930</b>

**MILWAUKEE HARBOR, WI**

	Inbound						Outbound					
<b>Grand Total</b>	<b>2,792</b>	<b>2,214</b>	<b>12</b>	<b>433</b>	<b>88</b>	<b>45</b>	<b>2,799</b>	<b>2,212</b>	<b>12</b>	<b>441</b>	<b>90</b>	<b>44</b>

## FOREIGN

<b>Total</b>	<b>92</b>	<b>81</b>	----	<b>2</b>	<b>1</b>	<b>8</b>	<b>97</b>	<b>81</b>	----	<b>3</b>	<b>6</b>	<b>7</b>
27	1	1	----	----	----	----	----	----	----	----	----	----
26	27	24	1	1	1	1	9	7	2	----	----	----
25	11	6	----	----	5	----	----	----	----	----	----	----
24	11	11	----	----	----	----	12	12	----	----	----	----
23	12	12	----	----	----	----	10	10	----	----	----	----
22	6	6	----	----	----	----	9	9	----	----	----	----
21	9	9	----	----	----	----	18	18	----	----	----	----
20	3	3	----	----	----	----	14	13	----	----	1	----
19	6	4	1	1	1	1	12	7	1	1	3	----
18	4	3	----	----	1	1	4	1	----	3	----	----
15	----	----	----	----	----	----	5	1	----	----	4	----
≤ 12	2	2	----	----	----	----	4	3	----	1	----	----

## DOMESTIC

<b>Total</b>	<b>2,700</b>	<b>2,133</b>	<b>12</b>	<b>431</b>	<b>87</b>	<b>37</b>	<b>2,702</b>	<b>2,131</b>	<b>12</b>	<b>438</b>	<b>84</b>	<b>37</b>
27	4	3	1	1	1	1	----	----	----	----	----	----
26	19	18	----	----	1	----	----	----	----	----	----	----
25	7	7	----	----	----	----	----	----	----	----	----	----
24	24	22	2	2	5	----	4	1	3	----	----	----
23	18	13	----	----	----	----	2	----	----	2	----	----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**MILWAUKEE HARBOR, WI - continued**  
Inbound

Outbound

## DOMESTIC

22	10	9	---	---	1	---	2	2	---	---	---	---
21	11	9	1	---	1	---	22	22	---	---	---	---
20	11	8	3	---	---	---	1	1	---	---	---	---
19	8	4	---	---	---	4	8	8	---	---	---	---
18	7	4	---	---	---	3	27	27	---	---	---	---
17	6	3	2	---	---	1	15	10	---	---	5	---
16	20	4	---	4	---	12	10	6	---	4	---	---
15	5	3	---	---	---	2	23	23	---	---	---	---
14	26	---	---	16	---	10	19	4	---	15	---	---
13	33	---	6	25	---	2	38	---	12	25	---	1
≤ 12	2,491	2,026	---	383	79	3	2,531	2,027	---	391	77	36
										Total trips:		5,591

**PORT WASHINGTON HARBOR, WI**  
Inbound

Outbound

Grand Total	19	19	---	---	---	---	19	19	---	---	---	---
DOMESTIC												
Total	19	19	---	---	---	---	19	19	---	---	---	---
26	9	9	---	---	---	---	---	---	---	---	---	---
23	5	5	---	---	---	---	---	---	---	---	---	---
22	2	2	---	---	---	---	---	---	---	---	---	---
21	3	3	---	---	---	---	9	9	---	---	---	---
19	---	---	---	---	---	---	1	1	---	---	---	---
17	---	---	---	---	---	---	4	4	---	---	---	---
15	---	---	---	---	---	---	5	5	---	---	---	---
										Total trips:		38

**MANITOWOC HARBOR, WI**

Inbound

Outbound

Grand Total	302	229	11	44	18	---	298	226	11	43	18	---
DOMESTIC												
Total	302	229	11	44	18	---	298	226	11	43	18	---
22	3	3	---	---	---	---	---	---	---	---	---	---
21	20	11	9	---	---	---	---	---	---	---	---	---
20	4	4	---	---	---	---	---	---	---	---	---	---
19	208	208	---	---	---	---	206	206	---	---	---	---
18	---	---	---	---	---	---	6	6	---	---	---	---
17	---	---	---	---	---	---	2	2	---	---	---	---
16	1	1	---	---	---	---	1	1	---	---	---	---
15	2	2	---	---	---	---	11	11	---	---	---	---
13	13	---	2	11	---	---	18	---	11	7	---	---
≤ 12	51	---	---	33	18	---	54	---	---	36	18	---
										Total trips:		600

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**GREEN BAY HARBOR, WI**

Upbound

Downbound

<b>Grand Total</b>	<b>699</b>	<b>130</b>	<b>7</b>	<b>25</b>	<b>518</b>	<b>19</b>	<b>650</b>	<b>135</b>	<b>7</b>	<b>22</b>	<b>467</b>	<b>19</b>
--------------------	------------	------------	----------	-----------	------------	-----------	------------	------------	----------	-----------	------------	-----------

## FOREIGN

<b>Total</b>	<b>28</b>	<b>11</b>	<b>7</b>	----	<b>10</b>	----	<b>25</b>	<b>13</b>	<b>7</b>	----	<b>5</b>	----
24	1	1	---	---	---	---	2	1	1	---	---	---
23	9	5	---	---	4	---	3	---	3	---	---	---
22	2	1	1	---	---	---	2	1	1	---	---	---
21	3	1	2	---	---	---	3	2	1	---	---	---
20	2	1	1	---	---	---	3	3	---	---	---	---
19	1	---	1	---	---	---	4	3	---	---	1	---
18	5	---	---	---	5	---	1	1	---	---	---	---
17	---	---	---	---	---	---	1	---	1	---	---	---
16	1	---	1	---	---	---	3	---	---	---	3	---
15	2	---	1	---	1	---	1	---	---	---	1	---
≤ 12	2	2	---	---	---	---	2	2	---	---	---	---

## DOMESTIC

<b>Total</b>	<b>671</b>	<b>119</b>	----	<b>25</b>	<b>508</b>	<b>19</b>	<b>625</b>	<b>122</b>	----	<b>22</b>	<b>462</b>	<b>19</b>
27	2	2	---	---	---	---	---	---	---	---	---	---
25	1	1	---	---	---	---	---	---	---	---	---	---
24	14	14	---	---	---	---	---	---	---	---	---	---
23	18	17	---	---	1	---	---	1	---	---	---	---
22	32	31	---	---	1	---	1	---	---	---	---	---
21	30	30	---	---	---	---	30	30	---	---	---	---
20	11	11	---	---	---	---	1	1	---	---	---	---
19	7	7	---	---	---	---	2	2	---	---	---	---
18	5	5	---	---	---	---	30	30	---	---	---	---
17	---	---	---	---	---	---	23	21	---	---	2	---
16	3	---	---	---	---	3	16	16	---	---	---	---
15	16	---	---	---	---	16	2	2	---	---	---	---
14	6	---	---	6	---	---	6	---	---	6	---	---
13	---	---	---	---	---	---	9	9	---	---	---	---
≤ 12	526	1	---	19	506	---	505	10	---	16	460	19
<b>Total trips:</b>											<b>1,349</b>	

**ALPENA HARBOR, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>257</b>	<b>237</b>	<b>6</b>	<b>12</b>	<b>2</b>	----	<b>268</b>	<b>250</b>	<b>7</b>	<b>10</b>	<b>1</b>	----
--------------------	------------	------------	----------	-----------	----------	------	------------	------------	----------	-----------	----------	------

## FOREIGN

<b>Total</b>	<b>21</b>	<b>16</b>	<b>2</b>	<b>1</b>	<b>2</b>	----	<b>14</b>	<b>11</b>	<b>1</b>	<b>1</b>	<b>1</b>	----
25	---	---	---	---	---	---	1	1	---	---	---	---
24	---	---	---	---	---	---	3	3	---	---	---	---
22	1	1	---	---	---	---	---	---	---	---	---	---
21	4	4	---	---	---	---	3	3	---	---	---	---
20	4	4	---	---	---	---	---	---	---	---	---	---
19	3	3	---	---	---	---	2	2	---	---	---	---
18	1	---	1	---	---	---	---	---	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## ALPENA HARBOR, MI - continued

Inbound

Outbound

## FOREIGN

16	5	4	1	---	---	---	2	2	---	---	---	---
15	1	---	---	1	---	---	2	---	1	1	---	---
≤ 12	2	---	---	---	2	---	1	---	---	---	1	---

## DOMESTIC

<b>Total</b>	<b>236</b>	<b>221</b>	<b>4</b>	<b>11</b>	---	---	<b>254</b>	<b>239</b>	<b>6</b>	<b>9</b>	---	---
25	---	---	---	---	---	---	35	35	---	---	---	---
24	9	9	---	---	---	---	51	51	---	---	---	---
23	12	12	---	---	---	---	18	18	---	---	---	---
22	6	6	---	---	---	---	50	50	---	---	---	---
21	5	5	---	---	---	---	43	38	5	---	---	---
20	8	8	---	---	---	---	3	3	---	---	---	---
19	1	1	---	---	---	---	2	2	---	---	---	---
18	2	2	---	---	---	---	22	22	---	---	---	---
17	87	87	---	---	---	---	11	11	---	---	---	---
16	1	1	---	---	---	---	5	5	---	---	---	---
15	---	---	---	---	---	---	4	4	---	---	---	---
14	1	1	---	---	---	---	---	---	---	---	---	---
13	34	30	4	---	---	---	---	---	---	---	---	---
≤ 12	70	59	---	11	---	---	10	---	1	9	---	---
											<b>Total trips:</b>	<b>525</b>

## SAGINAW RIVER, MI

Upbound

Downbound

<b>Grand Total</b>	<b>448</b>	<b>270</b>	<b>15</b>	<b>80</b>	<b>64</b>	<b>19</b>	<b>453</b>	<b>293</b>	<b>14</b>	<b>88</b>	<b>41</b>	<b>17</b>
--------------------	------------	------------	-----------	-----------	-----------	-----------	------------	------------	-----------	-----------	-----------	-----------

## FOREIGN

<b>Total</b>	<b>78</b>	<b>70</b>	<b>7</b>	---	---	<b>1</b>	<b>77</b>	<b>67</b>	<b>10</b>	---	---	---
26	---	---	---	---	---	---	1	---	1	---	---	---
25	---	---	---	---	---	---	3	3	---	---	---	---
24	1	1	---	---	---	---	14	14	---	---	---	---
23	---	---	---	---	---	---	19	18	1	---	---	---
22	7	7	---	---	---	---	22	22	---	---	---	---
21	8	8	---	---	---	---	7	7	---	---	---	---
20	18	18	---	---	---	---	---	---	---	---	---	---
19	26	21	5	---	---	---	4	2	2	---	---	---
18	2	2	---	---	---	---	1	---	1	---	---	---
16	2	---	1	---	---	1	2	---	2	---	---	---
15	---	---	---	---	---	---	3	---	3	---	---	---
14	4	4	---	---	---	---	---	---	---	---	---	---
13	7	7	---	---	---	---	---	---	---	---	---	---
≤ 12	3	2	1	---	---	---	1	1	---	---	---	---

## DOMESTIC

<b>Total</b>	<b>370</b>	<b>200</b>	<b>8</b>	<b>80</b>	<b>64</b>	<b>18</b>	<b>376</b>	<b>226</b>	<b>4</b>	<b>88</b>	<b>41</b>	<b>17</b>
27	---	---	---	---	---	---	1	---	---	---	1	---
26	---	---	---	---	---	---	20	20	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**SAGINAW RIVER, MI - continued**

Upbound

Downbound

## DOMESTIC

25	---	---	---	---	---	---	17	17	---	---	---	---
24	---	---	---	---	---	---	19	16	---	---	3	---
23	---	---	---	---	---	---	51	38	---	---	13	---
22	---	---	---	---	---	---	47	46	---	---	1	---
21	6	---	6	---	---	---	55	32	---	---	23	---
20	3	3	---	---	---	---	7	7	---	---	---	---
19	---	---	---	---	---	---	7	7	---	---	---	---
18	28	28	---	---	---	---	30	29	1	---	---	---
17	106	90	---	---	15	1	15	14	---	---	---	1
16	49	48	---	1	---	---	11	---	---	1	---	10
15	21	20	---	---	---	1	1	---	---	---	---	1
14	18	---	---	18	---	---	23	---	---	19	---	4
13	5	4	---	1	---	---	2	---	---	2	---	---
≤ 12	134	7	2	60	49	16	70	---	3	66	---	1
											Total trips:	901

**ST. CLAIR RIVER, MI**

Upbound

Downbound

<b>Grand Total</b>	<b>2,746</b>	<b>2,370</b>	<b>41</b>	<b>188</b>	<b>65</b>	<b>82</b>	<b>2,645</b>	<b>2,284</b>	<b>50</b>	<b>166</b>	<b>64</b>	<b>81</b>
--------------------	--------------	--------------	-----------	------------	-----------	-----------	--------------	--------------	-----------	------------	-----------	-----------

## FOREIGN

<b>Total</b>	<b>633</b>	<b>590</b>	<b>11</b>	<b>17</b>	<b>15</b>	---	<b>533</b>	<b>480</b>	<b>12</b>	<b>20</b>	<b>16</b>	<b>5</b>
30	2	2	---	---	---	---	2	2	---	---	---	---
27	11	11	---	---	---	---	118	117	---	1	---	---
26	73	73	---	---	---	---	7	7	---	---	---	---
25	36	36	---	---	---	---	42	41	1	---	---	---
24	66	65	1	---	---	---	29	26	3	---	---	---
23	94	93	1	---	---	---	78	77	1	---	---	---
22	69	69	---	---	---	---	54	51	3	---	---	---
21	52	49	3	---	---	---	53	51	2	---	---	---
20	74	73	1	---	---	---	57	54	---	1	1	1
19	34	33	1	---	---	---	10	10	---	---	---	---
18	48	48	---	---	---	---	2	2	---	---	---	---
17	1	1	---	---	---	---	14	10	2	2	---	---
16	7	5	2	---	---	---	6	5	---	---	---	1
15	7	4	2	1	---	---	2	---	---	---	---	2
14	1	1	---	---	---	---	2	---	---	---	---	---
13	---	---	---	---	---	---	2	2	---	---	---	---
≤ 12	58	27	---	16	15	---	57	25	---	16	15	1

## DOMESTIC

<b>Total</b>	<b>2,113</b>	<b>1,780</b>	<b>30</b>	<b>171</b>	<b>50</b>	<b>82</b>	<b>2,112</b>	<b>1,804</b>	<b>38</b>	<b>146</b>	<b>48</b>	<b>76</b>
29	---	---	---	---	---	---	28	28	---	---	---	---
28	---	---	---	---	---	---	478	459	---	---	19	---
27	14	9	---	2	3	---	216	213	---	1	2	---
26	45	45	---	---	---	---	284	278	---	---	6	---
25	22	22	---	---	---	---	152	145	---	---	7	---
24	90	60	---	29	1	---	106	68	---	28	10	---



Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## ST. CLAIR RIVER, MI - continued

Upbound

Downbound

## DOMESTIC

23	275	245	----	----	30	----	81	78	----	----	3	----
22	151	147	----	----	4	----	79	77	2	----	----	----
21	141	135	4	----	2	----	75	59	16	----	----	----
20	68	68	----	----	----	----	32	30	2	----	----	----
19	111	111	----	----	----	----	27	10	1	----	----	16
18	311	310	1	----	----	----	11	4	1	----	----	6
17	141	138	----	----	3	----	16	5	1	----	1	9
16	70	57	----	13	----	----	28	1	1	13	----	13
15	78	77	----	----	----	1	8	1	----	----	----	7
14	48	1	----	46	----	1	49	----	----	45	----	4
13	47	2	24	20	----	1	8	----	----	8	----	----
≤ 12	501	353	1	61	7	79	434	348	14	51	----	21
Total trips:											5,391	

## PORT HURON, MI

Inbound

Outbound

Grand Total	51	39	6	6	----	----	50	37	6	6	----	1
-------------	----	----	---	---	------	------	----	----	---	---	------	---

## FOREIGN

Total	23	19	3	1	----	----	22	17	1	3	----	1
30	1	1	----	----	----	----	----	----	----	----	----	----
20	1	1	----	----	----	----	2	2	----	----	----	----
18	1	1	----	----	----	----	1	1	----	----	----	----
16	2	----	2	----	----	----	2	----	1	1	----	----
15	2	1	1	----	----	----	----	----	----	----	----	----
≤ 12	16	15	----	1	----	----	17	14	----	2	----	1

## DOMESTIC

Total	28	20	3	5	----	----	28	20	5	3	----	----
26	3	3	----	----	----	----	----	----	----	----	----	----
25	9	9	----	----	----	----	----	----	----	----	----	----
21	6	6	----	----	----	----	----	----	----	----	----	----
20	1	1	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	1	1	----	----	----	----
17	1	1	----	----	----	----	15	15	----	----	----	----
16	----	----	----	----	----	----	2	2	----	----	----	----
15	----	----	----	----	----	----	2	2	----	----	----	----
13	4	----	----	4	----	----	2	----	----	2	----	----
≤ 12	4	----	3	1	----	----	6	----	5	1	----	----
Total trips:											101	

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## MARYSVILLE, MI

	Inbound						Outbound					
<b>Grand Total</b>	<b>96</b>	<b>63</b>	<b>1</b>	<b>16</b>	<b>14</b>	<b>2</b>	<b>98</b>	<b>62</b>	<b>----</b>	<b>19</b>	<b>15</b>	<b>2</b>

## FOREIGN

<b>Total</b>	<b>35</b>	<b>8</b>	<b>----</b>	<b>14</b>	<b>13</b>	<b>----</b>	<b>38</b>	<b>8</b>	<b>----</b>	<b>15</b>	<b>14</b>	<b>1</b>
26	1	1	----	----	----	----	1	1	----	----	----	----
25	1	1	----	----	----	----	1	1	----	----	----	----
23	1	1	----	----	----	----	2	2	----	----	----	----
22	2	2	----	----	----	----	1	1	----	----	----	----
20	1	1	----	----	----	----	1	1	----	----	----	----
19	2	2	----	----	----	----	2	2	----	----	----	----
16	----	----	----	----	----	----	1	----	----	1	----	----
15	1	----	----	1	----	----	----	----	----	----	----	----
14	----	----	----	----	----	----	1	----	----	----	----	1
≤ 12	26	----	----	13	13	----	28	----	----	14	14	----

## DOMESTIC

<b>Total</b>	<b>61</b>	<b>55</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>60</b>	<b>54</b>	<b>----</b>	<b>4</b>	<b>1</b>	<b>1</b>
28	1	1	----	----	----	----	----	----	----	----	----	----
27	1	----	----	----	1	----	----	----	----	----	----	----
26	8	8	----	----	----	----	----	----	----	----	----	----
25	17	17	----	----	----	----	----	----	----	----	----	----
24	8	8	----	----	----	----	----	----	----	----	----	----
23	2	2	----	----	----	----	1	1	----	----	----	----
22	6	6	----	----	----	----	1	1	----	----	----	----
21	9	8	1	----	----	----	2	2	----	----	----	----
20	2	2	----	----	----	----	2	2	----	----	----	----
19	3	3	----	----	----	----	2	2	----	----	----	----
18	----	----	----	----	----	----	12	12	----	----	----	----
17	----	----	----	----	----	----	18	17	----	1	----	----
16	----	----	----	----	----	----	4	4	----	----	----	----
15	----	----	----	----	----	----	13	13	----	----	----	----
14	1	----	----	1	----	----	1	----	1	----	----	----
13	1	----	----	----	----	1	2	----	2	----	----	----
≤ 12	2	----	----	1	----	1	2	----	1	----	----	1
<b>Total trips:</b>											<b>194</b>	

## ST. CLAIR, MI

	Inbound						Outbound					
<b>Grand Total</b>	<b>191</b>	<b>139</b>	<b>----</b>	<b>25</b>	<b>5</b>	<b>22</b>	<b>180</b>	<b>138</b>	<b>1</b>	<b>21</b>	<b>3</b>	<b>17</b>

## FOREIGN

<b>Total</b>	<b>8</b>	<b>4</b>	<b>----</b>	<b>2</b>	<b>2</b>	<b>----</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>----</b>	<b>----</b>	<b>----</b>
16	----	----	----	----	----	----	1	----	1	----	----	----
≤ 12	8	4	----	2	2	----	4	4	----	----	----	----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## ST. CLAIR, MI - continued

Inbound

Outbound

## DOMESTIC

<b>Total</b>	<b>183</b>	<b>135</b>	----	<b>23</b>	<b>3</b>	<b>22</b>	<b>175</b>	<b>134</b>	----	<b>21</b>	<b>3</b>	<b>17</b>
28	75	75	----	----	----	----	3	3	----	----	----	----
27	17	17	----	----	----	----	----	----	----	----	----	----
26	12	12	----	----	----	----	22	22	----	----	----	----
25	11	11	----	----	----	----	7	7	----	----	----	----
24	9	3	----	3	3	----	3	----	3	----	----	----
23	9	9	----	----	----	----	36	33	----	----	3	----
22	2	2	----	----	----	----	21	21	----	----	----	----
21	1	1	----	----	----	----	5	5	----	----	----	----
20	2	2	----	----	----	----	2	2	----	----	----	----
19	2	2	----	----	----	----	12	12	----	----	----	----
18	1	1	----	----	----	----	13	13	----	----	----	----
17	----	----	----	----	----	----	14	14	----	----	----	----
16	----	----	----	----	----	----	1	1	----	----	----	----
15	----	----	----	----	----	----	1	1	----	----	----	----
≤ 12	42	----	----	20	----	22	35	1	----	18	----	17
<b>Total trips:</b>											<b>371</b>	

## MARINE CITY, MI

Inbound

Outbound

<b>Grand Total</b>	<b>73</b>	<b>73</b>	----	----	----	----	<b>73</b>	<b>73</b>	----	----	----	----
DOMESTIC												
<b>Total</b>	<b>73</b>	<b>73</b>	----	----	----	----	<b>73</b>	<b>73</b>	----	----	----	----
28	40	40	----	----	----	----	----	----	----	----	----	----
27	7	7	----	----	----	----	----	----	----	----	----	----
26	9	9	----	----	----	----	1	1	----	----	----	----
25	8	8	----	----	----	----	----	----	----	----	----	----
24	1	1	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	47	47	----	----	----	----
22	1	1	----	----	----	----	2	2	----	----	----	----
21	5	5	----	----	----	----	----	----	----	----	----	----
19	2	2	----	----	----	----	----	----	----	----	----	----
17	----	----	----	----	----	----	17	17	----	----	----	----
16	----	----	----	----	----	----	3	3	----	----	----	----
15	----	----	----	----	----	----	3	3	----	----	----	----
<b>Total trips:</b>											<b>146</b>	

## CHANNELS IN LAKE ST. CLAIR

Upbound

Downbound

<b>Grand Total</b>	<b>2,442</b>	<b>2,112</b>	<b>38</b>	<b>163</b>	<b>47</b>	<b>82</b>	<b>2,350</b>	<b>2,036</b>	<b>46</b>	<b>143</b>	<b>47</b>	<b>78</b>
FOREIGN												
<b>Total</b>	<b>571</b>	<b>563</b>	<b>8</b>	----	----	----	<b>472</b>	<b>455</b>	<b>10</b>	<b>2</b>	<b>2</b>	<b>3</b>

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**CHANNELS IN LAKE ST. CLAIR - continued**  
Upbound

Downbound

## FOREIGN

30	1	1	---	---	---	---	---	---	---	---	---	---
27	11	11	---	---	---	---	2	2	---	---	---	---
26	72	72	---	---	---	---	117	116	---	1	---	---
25	35	35	---	---	---	---	6	6	---	---	---	---
24	66	65	1	---	---	---	42	41	1	---	---	---
23	93	92	1	---	---	---	27	24	3	---	---	---
22	67	67	---	---	---	---	77	76	1	---	---	---
21	52	49	3	---	---	---	54	51	3	---	---	---
20	72	71	1	---	---	---	51	49	2	---	---	---
19	33	32	1	---	---	---	55	52	---	1	1	1
18	48	48	---	---	---	---	10	10	---	---	---	---
17	1	1	---	---	---	---	2	2	---	---	---	---
16	5	5	---	---	---	---	10	10	---	---	---	---
15	5	4	1	---	---	---	6	5	---	---	---	1
14	1	1	---	---	---	---	1	---	---	---	---	1
13	---	---	---	---	---	---	2	2	---	---	---	---
≤ 12	9	9	---	---	---	---	10	9	---	---	1	---

## DOMESTIC

<b>Total</b>	<b>1,871</b>	<b>1,549</b>	<b>30</b>	<b>163</b>	<b>47</b>	<b>82</b>	<b>1,878</b>	<b>1,581</b>	<b>36</b>	<b>141</b>	<b>45</b>	<b>75</b>
29	---	---	---	---	---	---	28	28	---	---	---	---
28	---	---	---	---	---	---	359	340	---	---	19	---
27	14	9	---	2	3	---	194	191	---	1	2	---
26	35	35	---	---	---	---	256	250	---	---	6	---
25	18	18	---	---	---	---	116	109	---	---	7	---
24	87	60	---	26	1	---	99	67	---	25	7	---
23	206	179	---	---	27	---	81	78	---	---	3	---
22	141	137	---	---	4	---	78	76	2	---	---	---
21	135	129	4	---	2	---	62	46	16	---	---	---
20	63	63	---	---	---	---	32	30	2	---	---	---
19	97	97	---	---	---	---	24	7	1	---	---	16
18	286	285	1	---	---	---	11	4	1	---	---	6
17	79	76	---	---	3	---	16	5	1	---	1	9
16	60	47	---	13	---	---	28	1	1	13	---	13
15	59	58	---	---	---	1	8	1	---	---	---	7
14	48	1	---	46	---	1	49	---	---	45	---	4
13	43	2	24	16	---	1	8	---	---	8	---	---
≤ 12	500	353	1	60	7	79	429	348	12	49	---	20
<b>Total trips:</b>											<b>4,792</b>	

**DETROIT RIVER, MI**

Upbound

Downbound

<b>Grand Total</b>	<b>4,504</b>	<b>3,289</b>	<b>121</b>	<b>587</b>	<b>192</b>	<b>315</b>	<b>4,298</b>	<b>3,278</b>	<b>108</b>	<b>491</b>	<b>169</b>	<b>252</b>
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## FOREIGN

<b>Total</b>	<b>1,363</b>	<b>934</b>	<b>26</b>	<b>203</b>	<b>133</b>	<b>67</b>	<b>1,214</b>	<b>814</b>	<b>33</b>	<b>182</b>	<b>115</b>	<b>70</b>
30	2	2	---	---	---	---	---	---	---	---	---	---
27	30	30	---	---	---	---	2	2	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## DETROIT RIVER, MI - continued

Upbound

Downbound

## FOREIGN

26	192	178	---	11	---	3	138	125	---	13	---	---
25	57	51	---	---	---	6	18	16	---	---	---	2
24	115	114	1	---	---	---	134	133	1	---	---	---
23	189	188	1	---	---	---	143	139	4	---	---	---
22	99	99	---	---	---	---	119	118	1	---	---	---
21	78	71	6	---	---	1	81	74	7	---	---	---
20	75	73	1	---	---	1	83	66	3	---	---	14
19	34	32	1	---	---	1	77	62	7	1	1	6
18	58	57	---	---	---	1	43	35	8	---	---	---
17	4	2	2	---	---	---	4	4	---	---	---	---
16	11	7	---	4	---	---	15	12	1	1	---	1
15	14	7	6	---	---	1	13	5	---	---	---	8
14	7	1	1	1	---	4	4	---	---	---	---	4
13	1	---	1	---	---	---	2	2	---	---	---	---
≤ 12	397	22	6	187	133	49	338	21	1	167	114	35

## DOMESTIC

Total	3,141	2,355	95	384	59	248	3,084	2,464	75	309	54	182
29	---	---	---	---	---	---	28	28	---	---	---	---
28	---	---	---	---	---	---	359	340	---	---	19	---
27	16	9	---	2	5	---	194	191	---	1	2	---
26	36	36	---	---	---	---	256	250	---	---	6	---
25	27	27	---	---	---	---	117	110	---	---	7	---
24	119	90	---	28	1	---	99	67	---	25	7	---
23	245	212	1	---	32	---	83	80	---	---	3	---
22	170	163	1	---	6	---	81	78	3	---	---	---
21	142	136	4	---	2	---	76	60	16	---	---	---
20	77	69	8	---	---	---	57	36	21	---	---	---
19	103	103	---	---	---	---	43	21	3	---	---	19
18	292	288	4	---	---	---	141	120	15	---	---	6
17	82	77	---	---	3	2	33	14	1	---	9	9
16	68	50	1	17	---	---	45	18	1	13	---	13
15	63	61	1	---	---	1	31	24	---	---	---	7
14	60	1	---	58	---	1	62	1	---	56	---	5
13	52	2	26	22	---	2	16	---	---	16	---	---
≤ 12	1,589	1,031	49	257	10	242	1,363	1,026	15	198	1	123
										Total trips:	8,802	

## DETROIT HARBOR, MI

Inbound

Outbound

Grand Total	1,263	1,059	21	131	15	37	1,222	1,036	21	128	11	26
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## FOREIGN

Total	227	201	7	10	3	6	198	180	7	6	3	2
30	1	1	---	---	---	---	---	---	---	---	---	---
27	14	14	---	---	---	---	---	---	---	---	---	---
26	75	75	---	---	---	---	5	5	---	---	---	---
25	9	9	---	---	---	---	10	10	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**DETROIT HARBOR, MI - continued**

Inbound

Outbound

## FOREIGN

24	46	46	---	---	---	---	79	79	---	---	---	---
23	7	7	---	---	---	---	26	25	1	---	---	---
22	24	24	---	---	---	---	30	30	---	---	---	---
21	10	7	3	---	---	---	8	4	4	---	---	---
20	1	1	---	---	---	---	5	5	---	---	---	---
19	---	---	---	---	---	---	4	4	---	---	---	---
18	4	4	---	---	---	---	10	9	1	---	---	---
15	4	---	4	---	---	---	---	---	---	---	---	---
≤ 12	32	13	---	10	3	6	21	9	1	6	3	2

## DOMESTIC

<b>Total</b>	<b>1,036</b>	<b>858</b>	<b>14</b>	<b>121</b>	<b>12</b>	<b>31</b>	<b>1,024</b>	<b>856</b>	<b>14</b>	<b>122</b>	<b>8</b>	<b>24</b>
28	33	33	---	---	---	---	---	---	---	---	---	---
27	13	12	---	---	1	---	---	---	---	---	---	---
26	13	8	---	---	5	---	---	---	---	---	---	---
25	23	21	---	---	2	---	1	1	---	---	---	---
24	41	39	---	2	---	---	2	---	---	2	---	---
23	22	22	---	---	---	---	37	37	---	---	---	---
22	18	16	---	---	2	---	3	3	---	---	---	---
21	13	5	8	---	---	---	7	7	---	---	---	---
20	9	7	2	---	---	---	4	4	---	---	---	---
19	3	3	---	---	---	---	14	14	---	---	---	---
18	4	3	1	---	---	---	74	74	---	---	---	---
17	1	1	---	---	---	---	15	9	---	---	6	---
16	4	3	1	---	---	---	4	4	---	---	---	---
15	4	4	---	---	---	---	19	19	---	---	---	---
14	8	---	---	8	---	---	7	1	---	6	---	---
13	7	---	2	5	---	---	27	1	13	13	---	---
≤ 12	820	681	---	106	2	31	810	682	1	101	2	24
											<b>Total trips:</b>	<b>2,485</b>

**ROUGE RIVER, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>1,064</b>	<b>293</b>	<b>60</b>	<b>350</b>	<b>135</b>	<b>226</b>	<b>1,066</b>	<b>297</b>	<b>58</b>	<b>346</b>	<b>116</b>	<b>249</b>
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## FOREIGN

<b>Total</b>	<b>445</b>	<b>59</b>	<b>10</b>	<b>187</b>	<b>128</b>	<b>61</b>	<b>413</b>	<b>65</b>	<b>8</b>	<b>169</b>	<b>108</b>	<b>63</b>
27	5	5	---	---	---	---	---	---	---	---	---	---
26	43	29	---	11	---	3	15	3	---	12	---	---
25	13	7	---	---	---	6	2	---	---	---	---	2
24	3	3	---	---	---	---	12	12	---	---	---	---
23	5	5	---	---	---	---	15	15	---	---	---	---
22	4	4	---	---	---	---	5	5	---	---	---	---
21	6	5	---	---	---	1	7	7	---	---	---	---
20	2	1	---	---	---	1	26	11	1	---	---	14
19	1	---	---	---	---	1	18	6	7	---	---	5
18	1	---	---	---	---	1	3	3	---	---	---	---
17	2	---	2	---	---	---	2	2	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**ROUGE RIVER, MI - continued**

Inbound

Outbound

## FOREIGN

16	4	---	---	4	---	---	2	---	---	1	---	1
15	2	---	1	---	---	1	7	---	---	---	---	7
14	4	---	---	---	---	4	3	---	---	---	---	3
13	1	---	1	---	---	---	---	---	---	---	---	---
≤ 12	349	---	6	172	128	43	296	1	---	156	108	31

## DOMESTIC

<b>Total</b>	<b>619</b>	<b>234</b>	<b>50</b>	<b>163</b>	<b>7</b>	<b>165</b>	<b>653</b>	<b>232</b>	<b>50</b>	<b>177</b>	<b>8</b>	<b>186</b>
28	64	64	---	---	---	---	---	---	---	---	---	---
27	41	40	---	---	1	---	---	---	---	---	---	---
26	23	23	---	---	---	---	---	---	---	---	---	---
25	32	31	---	---	1	---	1	1	---	---	---	---
24	10	8	---	2	---	---	2	---	---	2	---	---
23	37	31	1	---	5	---	---	---	---	---	---	---
22	21	21	---	---	---	---	3	3	---	---	---	---
21	14	14	---	---	---	---	10	10	---	---	---	---
20	6	2	4	---	---	---	28	5	23	---	---	---
19	3	---	---	---	---	3	6	1	2	---	---	3
18	4	---	2	---	---	2	177	161	16	---	---	---
17	7	---	---	---	---	7	22	16	---	---	5	1
16	17	---	---	10	---	7	26	15	---	11	---	---
15	3	---	---	---	---	3	22	20	1	---	---	1
14	16	---	---	15	---	1	16	---	---	15	---	1
13	4	---	---	4	---	---	2	---	---	1	---	1
≤ 12	317	---	43	132	---	142	338	---	8	148	3	179
<b>Total trips:</b>											<b>2,130</b>	

**ECORSE, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>218</b>	<b>108</b>	<b>---</b>	<b>73</b>	<b>2</b>	<b>35</b>	<b>226</b>	<b>110</b>	<b>---</b>	<b>75</b>	<b>2</b>	<b>39</b>
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## FOREIGN

<b>Total</b>	<b>114</b>	<b>107</b>	<b>---</b>	<b>5</b>	<b>2</b>	<b>---</b>	<b>114</b>	<b>109</b>	<b>---</b>	<b>3</b>	<b>2</b>	<b>---</b>
23	84	84	---	---	---	---	75	75	---	---	---	---
22	2	2	---	---	---	---	6	6	---	---	---	---
21	10	10	---	---	---	---	11	11	---	---	---	---
20	---	---	---	---	---	---	1	1	---	---	---	---
18	5	5	---	---	---	---	13	13	---	---	---	---
17	1	1	---	---	---	---	---	---	---	---	---	---
16	2	2	---	---	---	---	2	2	---	---	---	---
15	3	3	---	---	---	---	---	---	---	---	---	---
14	1	---	---	1	---	---	---	---	---	---	---	---
≤ 12	6	---	---	4	2	---	6	1	---	3	2	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**ECORSE, MI - continued**

Inbound

Outbound

## DOMESTIC

<b>Total</b>	<b>104</b>	<b>1</b>	----	<b>68</b>	----	<b>35</b>	<b>112</b>	<b>1</b>	----	<b>72</b>	----	<b>39</b>
23	1	1	----	----	----	----	----	1	----	----	----	----
15	----	----	----	----	----	----	1	----	----	----	----	----
≤ 12	103	----	----	68	----	35	111	----	----	72	----	39
<b>Total trips:</b>												<b>444</b>

**TRENTON, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>85</b>	<b>73</b>	<b>12</b>	----	----	----	<b>82</b>	<b>67</b>	<b>11</b>	<b>2</b>	----	<b>2</b>
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## FOREIGN

<b>Total</b>	<b>5</b>	<b>4</b>	<b>1</b>	----	----	----	<b>16</b>	<b>4</b>	<b>8</b>	<b>2</b>	----	<b>2</b>
26	2	2	----	----	----	----	1	1	----	----	----	----
24	----	----	----	----	----	----	1	1	----	----	----	----
22	2	2	----	----	----	----	1	1	----	----	----	----
21	----	----	----	----	----	----	1	1	----	----	----	----
18	----	----	----	----	----	----	7	----	7	----	----	----
16	----	----	----	----	----	----	1	----	1	----	----	----
14	1	----	1	----	----	----	----	----	----	----	----	----
≤ 12	----	----	----	----	----	----	4	----	----	2	----	2

## DOMESTIC

<b>Total</b>	<b>80</b>	<b>69</b>	<b>11</b>	----	----	----	<b>66</b>	<b>63</b>	<b>3</b>	----	----	----
28	41	41	----	----	----	----	----	----	----	----	----	----
27	7	7	----	----	----	----	----	----	----	----	----	----
23	7	7	----	----	----	----	----	----	----	----	----	----
22	10	9	1	----	----	----	1	----	1	----	----	----
21	1	1	----	----	----	----	8	6	2	----	----	----
20	----	----	----	----	----	----	6	6	----	----	----	----
19	1	1	----	----	----	----	----	----	----	----	----	----
18	----	----	----	----	----	----	25	25	----	----	----	----
17	----	----	----	----	----	----	12	12	----	----	----	----
16	----	----	----	----	----	----	3	3	----	----	----	----
15	----	----	----	----	----	----	8	8	----	----	----	----
≤ 12	13	3	10	----	----	----	3	3	----	----	----	----
<b>Total trips:</b>												<b>167</b>

**PORT OF DETROIT, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>2,556</b>	<b>1,543</b>	<b>93</b>	<b>467</b>	<b>152</b>	<b>301</b>	<b>2,345</b>	<b>1,511</b>	<b>88</b>	<b>427</b>	<b>128</b>	<b>191</b>
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## FOREIGN

<b>Total</b>	<b>792</b>	<b>371</b>	<b>18</b>	<b>203</b>	<b>133</b>	<b>67</b>	<b>742</b>	<b>359</b>	<b>23</b>	<b>180</b>	<b>113</b>	<b>67</b>
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Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**PORT OF DETROIT, MI - continued**

Inbound

Outbound

## FOREIGN

30	1	1	---	---	---	---	---	---	---	---	---	---
27	19	19	---	---	---	---	---	---	---	---	---	---
26	120	106	---	11	---	3	21	9	---	12	---	---
25	22	16	---	---	---	6	12	10	---	---	---	2
24	49	49	---	---	---	---	92	92	---	---	---	---
23	96	96	---	---	---	---	116	115	1	---	---	---
22	32	32	---	---	---	---	42	42	---	---	---	---
21	26	22	3	---	---	1	27	23	4	---	---	---
20	3	2	---	---	---	1	32	17	1	---	---	14
19	1	---	---	---	---	1	22	10	7	---	---	5
18	10	9	---	---	---	1	33	25	8	---	---	---
17	3	1	2	---	---	---	2	2	---	---	---	---
16	6	2	---	4	---	---	5	2	1	1	---	1
15	9	3	5	---	---	1	7	---	---	---	---	7
14	6	---	1	1	---	4	3	---	---	---	---	3
13	1	---	1	---	---	---	---	---	---	---	---	---
≤ 12	388	13	6	187	133	49	328	12	1	167	113	35

## DOMESTIC

Total	1,764	1,172	75	264	19	234	1,603	1,152	65	247	15	124
28	138	138	---	---	---	---	---	---	---	---	---	---
27	61	59	---	---	2	---	---	---	---	---	---	---
26	36	31	---	---	5	---	---	---	---	---	---	---
25	55	52	---	---	3	---	2	2	---	---	---	---
24	51	47	---	4	---	---	4	---	---	4	---	---
23	69	63	1	---	5	---	36	36	---	---	---	---
22	51	48	1	---	2	---	7	6	1	---	---	---
21	29	21	8	---	---	---	27	25	2	---	---	---
20	17	11	6	---	---	---	38	15	23	---	---	---
19	10	7	---	---	---	3	22	17	2	---	---	3
18	7	3	2	---	---	2	277	260	17	---	---	---
17	8	1	---	---	---	7	49	37	---	---	11	1
16	21	3	1	10	---	7	33	22	---	11	---	---
15	8	4	1	---	---	3	52	51	---	---	---	1
14	25	---	---	24	---	1	22	1	---	20	---	1
13	11	---	2	9	---	---	25	1	13	10	---	1
≤ 12	1,167	684	53	217	2	211	1,009	679	7	202	4	117
Total trips:											4,901	

**MONROE HARBOR, MI**

Inbound

Outbound

Grand Total	90	72	---	9	3	6	87	71	---	11	---	5
-------------	----	----	-----	---	---	---	----	----	-----	----	-----	---

## FOREIGN

Total	8	---	---	3	3	2	4	---	---	3	---	1
17	1	---	---	---	---	1	---	---	---	---	---	---
16	---	---	---	---	---	---	1	---	---	---	---	1
10	3	---	---	3	---	---	3	---	---	3	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**MONROE HARBOR, MI - continued**

Inbound

Outbound

## FOREIGN

8	1	---	---	---	---	1	---	---	---	---	---	---
7	3	---	---	---	3	---	---	---	---	---	---	---

## DOMESTIC

<b>Total</b>	<b>82</b>	<b>72</b>	---	<b>6</b>	---	<b>4</b>	<b>83</b>	<b>71</b>	---	<b>8</b>	---	<b>4</b>
26	16	16	---	---	---	---	---	---	---	---	---	---
25	5	5	---	---	---	---	---	---	---	---	---	---
23	16	16	---	---	---	---	14	14	---	---	---	---
22	15	15	---	---	---	---	11	11	---	---	---	---
21	13	13	---	---	---	---	3	3	---	---	---	---
20	6	6	---	---	---	---	2	2	---	---	---	---
19	3	1	---	---	---	2	2	2	---	---	---	---
18	---	---	---	---	---	---	22	22	---	---	---	---
17	---	---	---	---	---	---	6	6	---	---	---	---
16	1	---	---	---	---	1	5	5	---	---	---	---
15	1	---	---	---	---	1	4	4	---	---	---	---
14	3	---	---	3	---	---	5	2	---	3	---	---
13	1	---	---	1	---	---	3	---	---	3	---	---
9	---	---	---	---	---	---	1	---	---	---	---	1
7	1	---	---	1	---	---	2	---	---	1	---	1
6	1	---	---	1	---	---	1	---	---	1	---	---
5	---	---	---	---	---	---	2	---	---	---	---	2
<b>Total trips:</b>											<b>177</b>	

**CALCITE, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>430</b>	<b>343</b>	---	<b>37</b>	<b>50</b>	---	<b>441</b>	<b>351</b>	---	<b>38</b>	<b>51</b>	<b>1</b>
--------------------	------------	------------	-----	-----------	-----------	-----	------------	------------	-----	-----------	-----------	----------

## FOREIGN

<b>Total</b>	<b>64</b>	<b>64</b>	---	---	---	---	<b>71</b>	<b>70</b>	---	---	---	<b>1</b>
27	---	---	---	---	---	---	2	2	---	---	---	---
26	---	---	---	---	---	---	43	43	---	---	---	---
25	---	---	---	---	---	---	2	2	---	---	---	---
24	8	8	---	---	---	---	5	5	---	---	---	---
23	17	17	---	---	---	---	11	11	---	---	---	---
22	12	12	---	---	---	---	3	3	---	---	---	---
21	7	7	---	---	---	---	1	1	---	---	---	---
20	10	10	---	---	---	---	2	2	---	---	---	---
19	8	8	---	---	---	---	1	1	---	---	---	---
18	2	2	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	1	---	---	---	---	1

## DOMESTIC

<b>Total</b>	<b>366</b>	<b>279</b>	---	<b>37</b>	<b>50</b>	---	<b>370</b>	<b>281</b>	---	<b>38</b>	<b>51</b>	---
28	---	---	---	---	---	---	8	8	---	---	---	---
27	---	---	---	---	---	---	31	31	---	---	---	---
26	1	1	---	---	---	---	54	50	---	---	4	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## CALCITE, MI - continued

Inbound

Outbound

## DOMESTIC

25	1	---	---	---	1	---	62	53	---	---	9	---
24	22	---	---	18	4	---	50	28	---	18	4	---
23	16	3	---	---	13	---	48	40	---	---	8	---
22	22	22	---	---	---	---	26	26	---	---	---	---
21	53	53	---	---	---	---	32	32	---	---	---	---
20	6	6	---	---	---	---	4	4	---	---	---	---
19	13	13	---	---	---	---	3	3	---	---	---	---
18	88	88	---	---	---	---	3	3	---	---	---	---
17	65	59	---	---	6	---	3	3	---	---	---	---
16	22	22	---	---	---	---	---	---	---	---	---	---
15	12	12	---	---	---	---	---	---	---	---	---	---
14	6	---	---	6	---	---	7	---	---	7	---	---
9	10	---	---	10	---	---	10	---	---	10	---	---
8	20	---	---	---	20	---	6	---	---	---	6	---
6	3	---	---	3	---	---	3	---	---	3	---	---
4	---	---	---	---	---	---	20	---	---	---	20	---
1	6	---	---	---	6	---	---	---	---	---	---	---
Total trips:											871	---

## ESCANABA, MI

Inbound

Outbound

Grand Total	253	212	----	20	20	1	262	215	----	25	22	----
-------------	-----	-----	------	----	----	---	-----	-----	------	----	----	------

## FOREIGN

Total	2	1	----	----	----	1	2	1	----	1	----	----
18	---	---	---	---	---	---	1	---	---	1	---	---
15	1	---	---	---	---	1	---	---	---	---	---	---
7	1	1	---	---	---	---	1	1	---	---	---	---

## DOMESTIC

Total	251	211	----	20	20	----	260	214	----	24	22	----
31	---	---	---	---	---	---	11	11	---	---	---	---
30	---	---	---	---	---	---	52	52	---	---	---	---
29	---	---	---	---	---	---	9	8	---	---	1	---
28	---	---	---	---	---	---	35	35	---	---	---	---
27	---	---	---	---	---	---	68	51	---	---	17	---
26	2	2	---	---	---	---	28	24	---	---	4	---
25	1	1	---	---	---	---	1	1	---	---	---	---
24	39	21	---	18	---	---	21	1	---	20	---	---
23	20	19	---	---	1	---	---	---	---	---	---	---
22	14	14	---	---	---	---	1	1	---	---	---	---
21	93	93	---	---	---	---	17	17	---	---	---	---
20	12	12	---	---	---	---	4	4	---	---	---	---
19	4	4	---	---	---	---	2	2	---	---	---	---
18	32	32	---	---	---	---	5	5	---	---	---	---
17	4	2	---	---	2	---	1	1	---	---	---	---
16	9	9	---	---	---	---	---	---	---	---	---	---
15	2	2	---	---	---	---	1	1	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**ESCANABA, MI - continued**

Inbound

Outbound

## DOMESTIC

14	2	---	---	2	---	---	2	---	---	2	---	---
10	---	---	---	---	---	---	2	---	---	2	---	---
9	17	---	---	---	17	---	---	---	---	---	---	---
<b>Total trips:</b>											<b>515</b>	

**STONEPORT, MI**

Inbound

Outbound

<b>Grand Total</b>	<b>416</b>	<b>364</b>	----	<b>26</b>	<b>26</b>	----	<b>431</b>	<b>377</b>	----	<b>26</b>	<b>28</b>	----
------------------------	------------	------------	------	-----------	-----------	------	------------	------------	------	-----------	-----------	------

## FOREIGN

<b>Total</b>	<b>34</b>	<b>34</b>	----	----	----	----	<b>36</b>	<b>35</b>	----	----	<b>1</b>	----
29	---	---	---	---	---	---	1	1	---	---	---	---
27	---	---	---	---	---	---	2	2	---	---	---	---
26	---	---	---	---	---	---	28	28	---	---	---	---
25	---	---	---	---	---	---	2	1	---	---	1	---
24	3	3	---	---	---	---	---	---	---	---	---	---
23	6	6	---	---	---	---	1	1	---	---	---	---
22	5	5	---	---	---	---	1	1	---	---	---	---
21	10	10	---	---	---	---	---	---	---	---	---	---
20	3	3	---	---	---	---	1	1	---	---	---	---
19	6	6	---	---	---	---	---	---	---	---	---	---
18	1	1	---	---	---	---	---	---	---	---	---	---

## DOMESTIC

<b>Total</b>	<b>382</b>	<b>330</b>	----	<b>26</b>	<b>26</b>	----	<b>395</b>	<b>342</b>	----	<b>26</b>	<b>27</b>	----
28	---	---	---	---	---	---	1	1	---	---	---	---
27	1	1	---	---	---	---	31	30	---	---	1	---
26	2	2	---	---	---	---	77	67	---	---	10	---
25	4	3	---	---	1	---	82	74	---	---	8	---
24	14	1	---	13	---	---	67	47	---	14	6	---
23	7	1	---	---	6	---	33	31	---	---	2	---
22	4	4	---	---	---	---	24	24	---	---	---	---
21	18	18	---	---	---	---	13	13	---	---	---	---
20	6	6	---	---	---	---	16	16	---	---	---	---
19	5	5	---	---	---	---	9	9	---	---	---	---
18	93	93	---	---	---	---	28	28	---	---	---	---
17	129	117	---	---	12	---	2	2	---	---	---	---
16	51	51	---	---	---	---	---	---	---	---	---	---
15	28	28	---	---	---	---	---	---	---	---	---	---
14	13	---	---	13	---	---	12	---	---	12	---	---
9	7	---	---	---	7	---	---	---	---	---	---	---
<b>Total trips:</b>											<b>847</b>	

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**ALGOMA HARBOR, WI**  
No Vessel Trips Reported

**ALGONAC, MI**  
(22 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	1	1	-----	-----	-----	-----	1	1	-----	-----	-----	-----
	<b>Total trips:</b>											2

**AU SABLE HARBOR AND RIVER (OSCODA), MI**  
No Vessel Trips Reported

**BIG BAY HARBOR, MI**  
No Vessel Trips Reported

**BLACK RIVER HARBOR, MI**  
No Vessel Trips Reported

**CASEVILLE, MI**  
No Vessel Trips Reported

**CEDAR RIVER HARBOR, MI**  
No Vessel Trips Reported

**DETOUR, MI AND VICINITY**  
(12 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	9,868	9,868	-----	-----	-----	-----	9,866	9,866	-----	-----	-----	-----
	<b>Total trips:</b>											19,734

**DETROIT HARBOR, WI**  
(8 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	4,322	4,322	-----	-----	-----	-----	4,322	4,322	-----	-----	-----	-----
	<b>Total trips:</b>											8,644

**EAGLE HARBOR, MI**  
No Vessel Trips Reported

**FRANKFORT HARBOR, MI**  
(24 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	28	2	-----	12	3	11	29	2	-----	12	3	12
	<b>Total trips:</b>											57

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI**  
No Vessel Trips Reported

**GRAND TRAVERSE BAY HARBOR, MI**  
No Vessel Trips Reported

**HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON)**  
(23 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	9	9	-----	-----	-----	-----	7	7	-----	-----	-----	-----
	<b>Total trips:</b>										16	

**HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON)**  
No Vessel Trips Reported

**KENOSHA HARBOR, WI**  
No Vessel Trips Reported

**KEWAUNEE HARBOR, WI**  
No Vessel Trips Reported

**KEWEENAW WATERWAY, MI**  
(24 feet and less)

	Upbound						Downbound					
<b>Grand Total</b>	56	28	-----	14	12	2	76	42	-----	18	13	3
	<b>Total trips:</b>										132	

**LAC LA BELLE HARBOR, MI**  
No Vessel Trips Reported

**LELAND HARBOR, MI**  
(6 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	208	208	-----	-----	-----	-----	208	208	-----	-----	-----	-----
	<b>Total trips:</b>										416	

**LIME ISLAND, MI**  
No Vessel Trips Reported

**MACKINAC HARBOR, MI**  
(19 feet and less)

	Inbound						Outbound					
<b>Grand Total</b>	15,569	15,569	-----	-----	-----	-----	15,643	15,643	-----	-----	-----	-----
	<b>Total trips:</b>										31,212	

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**MACKINAW CITY HARBOR, MI**  
(8 feet and less)

	Inbound						Outbound					
Grand Total	6,623	6,623	-----	-----	-----	-----	6,616	6,616	-----	-----	-----	-----
											Total trips:	13,239

**MANISTIQUE HARBOR, MI**  
(7 feet and less)

	Inbound						Outbound					
Grand Total	20	-----	-----	10	-----	10	20	-----	-----	10	-----	10
											Total trips:	40

**MENOMINEE HARBOR AND RIVER, MI AND WI**  
(24 feet and less)

	Inbound						Outbound					
Grand Total	30	22	-----	4	4	-----	27	21	-----	3	3	-----
											Total trips:	57

**NEW BUFFALO HARBOR, MI**  
No Vessel Trips Reported**OCONTO HARBOR, WI**  
No Vessel Trips Reported**PENSAUKEE HARBOR, WI**  
No Vessel Trips Reported**PENTWATER HARBOR, MI**  
No Vessel Trips Reported**PORT SANILAC HARBOR, MI**  
No Vessel Trips Reported**PUT-IN-BAY HARBOR, OH**  
(9 feet and less)

	Inbound						Outbound					
Grand Total	6,636	6,538	98	-----	-----	-----	6,637	6,539	98	-----	-----	-----
											Total trips:	13,273

**RACINE HARBOR, WI**  
No Vessel Trips Reported

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**ROGERS CITY, MI**

No Vessel Trips Reported

**SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI**

(7 feet and less)

	Upbound						Downbound					
Grand Total	755	755	----	----	----	----	755	755	----	----	----	----
	Total trips:										1,510	

**SAULT STE. MARIE, MI**

(26 feet and less)

	Inbound						Outbound					
Grand Total	21,190	21,177	----	8	4	1	21,197	21,183	1	8	4	1
	Total trips:										42,387	

**SEBEWAING, MI**

No Vessel Trips Reported

**SHEBOYGAN HARBOR, WI**

(21 feet and less)

	Inbound						Outbound					
Grand Total	18	3	----	10	----	5	18	3	----	10	----	5
	Total trips:										36	

**SOUTH HAVEN HARBOR, MI**

(8 feet and less)

	Inbound						Outbound					
Grand Total	9	----	----	3	6	----	9	----	----	3	6	----
	Total trips:										18	

**ST. JAMES (BEAVER ISLAND), MI**

(8 feet and less)

	Inbound						Outbound					
Grand Total	372	352	----	10	----	10	310	290	----	10	----	10
	Total trips:										682	

**STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI**

(26 feet and less)

	Upbound						Downbound					
Grand Total	6	3	----	3	----	----	52	29	----	14	3	6
	Total trips:										58	



Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**TWO RIVERS HARBOR, WI**  
No Vessel Trips Reported

**WHITE LAKE HARBOR, MI**  
No Vessel Trips Reported

**WHITEFISH POINT HARBOR, MI**  
No Vessel Trips Reported

**WYANDOTTE, MI**  
(23 feet and less)

				Inbound						Outbound		
Grand												
Total	10	9	----	1	----	----	10	10	----	----	Total trips:	20

**ALABASTER, MI**  
(23 feet and less)

				Inbound						Outbound		
Grand												
Total	41	41	----	----	----	----	41	41	----	----	Total trips:	82

**MARBLEHEAD, OH**  
(26 feet and less)

				Inbound						Outbound		
Grand												
Total	12,174	11,982	----	84	23	85	12,182	11,983	----	86	25	88
										Total trips:	24,356	

**PORT DOLOMITE, MI**  
(28 feet and less)

				Inbound						Outbound		
Grand												
Total	305	159	----	58	88	----	305	156	----	59	90	----
										Total trips:	610	

**PORT GYPSUM, MI**  
(25 feet and less)

				Inbound						Outbound		
Grand												
Total	32	32	----	----	----	----	33	33	----	----	Total trips:	65

**PORT INLAND, MI**  
(28 feet and less)

				Inbound						Outbound		
Grand												
Total	225	222	3	----	----	----	228	222	4	1	1	----
										Total trips:	453	

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## TOLEDO HARBOR, OH

				Inbound				Outbound				
Grand Total	1,152	806	31	168	13	134	1,184	800	32	171	32	149

## FOREIGN

Total	320	274	7	3	10	26	345	271	8	6	29	31
27	1	1	---	---	---	---	4	4	---	---	---	---
26	39	37	2	---	---	---	110	107	3	---	---	---
25	19	19	---	---	---	---	17	17	---	---	---	---
24	51	51	---	---	---	---	42	42	---	---	---	---
23	53	53	---	---	---	---	45	45	---	---	---	---
22	46	46	---	---	---	---	24	24	---	---	---	---
21	29	29	---	---	---	---	12	9	3	---	---	---
20	16	12	1	---	2	1	14	13	1	---	---	---
19	6	5	---	---	1	---	2	2	---	---	---	---
18	9	7	1	---	1	---	4	4	---	---	---	---
17	3	1	---	---	1	1	2	2	---	---	---	---
16	8	5	3	---	---	---	1	---	---	---	---	1
15	6	5	---	---	1	---	3	---	1	---	---	2
14	---	---	---	---	---	---	9	---	---	1	---	8
13	1	---	---	---	---	1	1	---	---	---	---	1
≤ 12	33	3	---	3	4	23	55	2	---	5	29	19

## DOMESTIC

Total	832	532	24	165	3	108	839	529	24	165	3	118
29	1	1	---	---	---	---	---	---	---	---	---	---
28	3	3	---	---	---	---	---	---	---	---	---	---
27	19	19	---	---	---	---	---	---	---	---	---	---
26	106	106	---	---	---	---	2	2	---	---	---	---
25	2	2	---	---	---	---	5	5	---	---	---	---
24	3	2	---	---	1	---	14	14	---	---	---	---
23	2	2	---	---	---	---	46	45	1	---	---	---
22	11	10	---	---	1	---	56	55	1	---	---	---
21	39	36	3	---	---	---	38	36	2	---	---	---
20	11	11	---	---	---	---	32	31	1	---	---	---
19	23	11	1	---	---	11	40	40	---	---	---	---
18	83	79	---	---	---	4	97	97	---	---	---	---
17	34	30	1	---	---	3	6	4	---	---	2	---
16	25	13	1	5	---	6	10	4	1	5	---	---
15	15	13	---	---	---	2	4	4	---	---	---	---
14	39	16	---	20	---	3	33	---	---	21	---	12
13	7	---	---	7	---	---	23	1	6	8	---	8
≤ 12	409	178	18	133	1	79	433	191	12	131	1	98
Total trips:											2,336	

## KELLEYS ISLAND, OH

Inbound						Outbound						
Grand Total	12,186	12,078	----	58	50	----	12,201	12,079	----	59	63	----

## DOMESTIC

Total	12,186	12,078	----	58	50	----	12,201	12,079	----	59	63	----
-------	--------	--------	------	----	----	------	--------	--------	------	----	----	------

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**KELLEYS ISLAND, OH - continued**

Inbound

Outbound

## DOMESTIC

20	---	---	---	---	---	---	19	---	---	---	19	---
19	---	---	---	---	---	---	8	---	---	---	8	---
18	---	---	---	---	---	---	7	---	---	---	7	---
15	---	---	---	---	---	---	25	---	---	---	25	---
13	20	---	---	5	15	---	5	---	---	5	---	---
12	36	---	---	28	8	---	29	---	---	29	---	---
10	46	---	---	25	21	---	29	---	---	25	4	---
8	50	50	---	---	---	---	50	50	---	---	---	---
7	2,900	2,900	---	---	---	---	2,900	2,900	---	---	---	---
6	9,134	9,128	---	---	6	---	9,129	9,129	---	---	---	---
<b>Total trips:</b>											<b>24,387</b>	

**SANDUSKY HARBOR, OH**

Inbound

Outbound

<b>Grand Total</b>	<b>1,141</b>	<b>1,137</b>	<b>----</b>	<b>2</b>	<b>----</b>	<b>2</b>	<b>1,148</b>	<b>1,146</b>	<b>----</b>	<b>1</b>	<b>----</b>	<b>1</b>
--------------------	--------------	--------------	-------------	----------	-------------	----------	--------------	--------------	-------------	----------	-------------	----------

## FOREIGN

<b>Total</b>	<b>298</b>	<b>295</b>	<b>----</b>	<b>1</b>	<b>----</b>	<b>2</b>	<b>303</b>	<b>301</b>	<b>----</b>	<b>1</b>	<b>----</b>	<b>1</b>
29	---	---	---	---	---	---	8	8	---	---	---	---
28	---	---	---	---	---	---	3	3	---	---	---	---
27	---	---	---	---	---	---	22	22	---	---	---	---
26	2	2	---	---	---	---	64	64	---	---	---	---
25	7	7	---	---	---	---	---	---	---	---	---	---
24	15	15	---	---	---	---	4	4	---	---	---	---
23	71	71	---	---	---	---	11	11	---	---	---	---
22	8	8	---	---	---	---	1	1	---	---	---	---
21	4	4	---	---	---	---	1	1	---	---	---	---
20	1	1	---	---	---	---	1	1	---	---	---	---
≤ 12	190	187	---	1	---	2	188	186	---	1	---	1

## DOMESTIC

<b>Total</b>	<b>843</b>	<b>842</b>	<b>----</b>	<b>1</b>	<b>----</b>	<b>---</b>	<b>845</b>	<b>845</b>	<b>----</b>	<b>---</b>	<b>----</b>	<b>---</b>
27	---	---	---	---	---	---	1	1	---	---	---	---
25	---	---	---	---	---	---	2	2	---	---	---	---
24	---	---	---	---	---	---	13	13	---	---	---	---
23	---	---	---	---	---	---	18	18	---	---	---	---
22	10	10	---	---	---	---	24	24	---	---	---	---
21	8	8	---	---	---	---	31	31	---	---	---	---
20	3	3	---	---	---	---	19	19	---	---	---	---
19	---	---	---	---	---	---	10	10	---	---	---	---
18	67	67	---	---	---	---	4	4	---	---	---	---
17	21	21	---	---	---	---	2	2	---	---	---	---
16	11	11	---	---	---	---	3	3	---	---	---	---
15	8	8	---	---	---	---	3	3	---	---	---	---
≤ 12	715	714	---	1	---	---	715	715	---	---	---	---
<b>Total trips:</b>											<b>2,289</b>	

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## HURON HARBOR, OH

	Inbound						Outbound					
<b>Grand Total</b>	<b>53</b>	<b>52</b>	----	<b>1</b>	----	----	<b>48</b>	<b>47</b>	----	<b>1</b>	----	----

## FOREIGN

<b>Total</b>	<b>15</b>	<b>15</b>	----	----	----	----	<b>9</b>	<b>9</b>	----	----	----	----
27	2	2	----	----	----	----	----	----	----	----	----	----
26	3	3	----	----	----	----	1	1	----	----	----	----
25	----	----	----	----	----	----	1	1	----	----	----	----
24	2	2	----	----	----	----	2	2	----	----	----	----
23	1	1	----	----	----	----	1	1	----	----	----	----
22	3	3	----	----	----	----	2	2	----	----	----	----
21	2	2	----	----	----	----	1	1	----	----	----	----
20	1	1	----	----	----	----	1	1	----	----	----	----
15	1	1	----	----	----	----	----	----	----	----	----	----

## DOMESTIC

<b>Total</b>	<b>38</b>	<b>37</b>	----	<b>1</b>	----	----	<b>39</b>	<b>38</b>	----	<b>1</b>	----	----
27	7	7	----	----	----	----	----	----	----	----	----	----
26	14	14	----	----	----	----	----	----	----	----	----	----
25	15	15	----	----	----	----	----	----	----	----	----	----
24	1	1	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	1	1	----	----	----	----
20	----	----	----	----	----	----	1	1	----	----	----	----
18	----	----	----	----	----	----	16	16	----	----	----	----
17	----	----	----	----	----	----	16	16	----	----	----	----
16	----	----	----	----	----	----	1	1	----	----	----	----
15	----	----	----	----	----	----	3	3	----	----	----	----
≤ 12	1	----	----	1	----	----	1	----	----	1	----	----
<b>Total trips:</b>											<b>101</b>	----

## LORAIN HARBOR, OH

	Inbound						Outbound					
<b>Grand Total</b>	<b>642</b>	<b>577</b>	----	<b>43</b>	<b>22</b>	----	<b>639</b>	<b>573</b>	----	<b>43</b>	<b>23</b>	----

## FOREIGN

<b>Total</b>	<b>29</b>	<b>27</b>	----	----	<b>2</b>	----	<b>28</b>	<b>27</b>	----	----	<b>1</b>	----
27	2	2	----	----	----	----	2	2	----	----	----	----
26	11	11	----	----	----	----	2	2	----	----	----	----
25	7	7	----	----	----	----	2	2	----	----	----	----
24	1	1	----	----	----	----	7	7	----	----	----	----
23	3	3	----	----	----	----	7	7	----	----	----	----
22	1	1	----	----	----	----	1	1	----	----	----	----
21	1	1	----	----	----	----	----	----	----	----	----	----
20	1	1	----	----	----	----	2	2	----	----	----	----
19	----	----	----	----	----	----	2	2	----	----	----	----
17	1	----	----	----	1	----	----	----	----	----	----	----
16	1	----	----	----	1	----	----	----	----	----	----	----
≤ 12	----	----	----	----	----	----	3	2	----	----	1	----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## LORAIN HARBOR, OH - continued

Inbound

Outbound

## DOMESTIC

Total	613	550	-----	43	20	-----	611	546	-----	43	22	-----
28	100	99	-----	-----	1	-----	-----	-----	-----	-----	-----	-----
27	62	62	-----	-----	-----	-----	1	1	-----	-----	-----	-----
26	28	27	-----	-----	1	-----	4	4	-----	-----	-----	-----
25	7	6	-----	-----	1	-----	55	55	-----	-----	-----	-----
24	4	2	-----	2	-----	-----	124	112	-----	2	10	-----
23	2	2	-----	-----	-----	-----	136	131	-----	-----	5	-----
22	11	11	-----	-----	-----	-----	63	59	-----	-----	4	-----
21	4	4	-----	-----	-----	-----	60	60	-----	-----	-----	-----
20	1	1	-----	-----	-----	-----	9	9	-----	-----	-----	-----
19	1	1	-----	-----	-----	-----	20	20	-----	-----	-----	-----
18	1	1	-----	-----	-----	-----	7	7	-----	-----	-----	-----
17	110	94	-----	-----	16	-----	6	4	-----	-----	2	-----
16	165	165	-----	-----	-----	-----	12	12	-----	-----	-----	-----
15	16	16	-----	-----	-----	-----	13	13	-----	-----	-----	-----
14	19	1	-----	18	-----	-----	35	15	-----	20	-----	-----
≤ 12	82	58	-----	23	1	-----	66	44	-----	21	1	-----
Total trips:											1,281	-----

## CLEVELAND HARBOR, OH

Inbound

Outbound

Grand Total	2,037	1,416	40	309	162	110	1,988	1,404	40	305	153	86
-------------	-------	-------	----	-----	-----	-----	-------	-------	----	-----	-----	----

## FOREIGN

Total	362	211	6	52	48	45	355	211	4	50	48	42
27	-----	-----	-----	-----	-----	-----	1	1	-----	-----	-----	-----
26	95	95	-----	-----	-----	-----	12	12	-----	-----	-----	-----
25	11	11	-----	-----	-----	-----	22	22	-----	-----	-----	-----
24	40	40	-----	-----	-----	-----	49	49	-----	-----	-----	-----
23	17	17	-----	-----	-----	-----	20	20	-----	-----	-----	-----
22	31	25	3	-----	1	2	44	41	3	-----	-----	-----
21	13	8	2	-----	2	1	10	9	1	-----	-----	-----
20	9	4	1	-----	-----	4	24	23	-----	-----	1	-----
19	5	3	-----	-----	-----	2	17	16	-----	-----	-----	1
18	6	3	-----	-----	1	2	14	13	-----	-----	-----	1
17	2	2	-----	-----	-----	-----	3	3	-----	-----	-----	-----
16	1	-----	-----	-----	-----	1	1	-----	-----	-----	-----	1
15	42	-----	-----	-----	39	3	48	1	-----	-----	39	8
14	16	-----	-----	1	-----	15	4	-----	-----	-----	1	3
13	2	-----	-----	-----	-----	2	2	-----	-----	-----	-----	2
≤ 12	72	3	-----	51	5	13	84	1	-----	50	7	26

## DOMESTIC

Total	1,675	1,205	34	257	114	65	1,633	1,193	36	255	105	44
29	4	4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
28	32	21	-----	-----	11	-----	-----	-----	-----	-----	-----	-----
27	6	4	-----	1	1	-----	7	-----	-----	2	5	-----

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**CLEVELAND HARBOR, OH - continued**  
Inbound

Outbound

## DOMESTIC

26	19	19	---	---	---	---	---	---	---	---	---	---
25	72	72	---	---	---	---	---	---	---	---	---	---
24	166	139	---	16	11	---	28	9	---	17	2	---
23	143	133	---	---	10	---	30	2	---	---	28	---
22	43	37	2	---	4	---	22	15	---	---	7	---
21	32	26	5	---	1	---	6	4	---	---	2	---
20	62	18	19	---	25	---	14	14	---	---	---	---
19	34	21	---	---	11	2	10	10	---	---	---	---
18	28	11	8	---	9	---	66	61	5	---	---	---
17	18	3	---	1	14	---	149	136	---	1	12	---
16	11	11	---	---	---	---	200	200	---	---	---	---
15	16	---	---	---	15	1	54	54	---	---	---	---
14	56	---	---	39	---	17	42	1	---	40	---	1
13	19	---	---	12	---	7	39	---	7	13	19	---
≤ 12	914	686	---	188	2	38	966	687	24	182	30	43
Total trips:											4,025	

**FAIRPORT HARBOR, OH**

Inbound

Outbound

<b>Grand Total</b>	<b>588</b>	<b>514</b>	<b>---</b>	<b>37</b>	<b>34</b>	<b>3</b>	<b>580</b>	<b>510</b>	<b>---</b>	<b>36</b>	<b>31</b>	<b>3</b>
--------------------	------------	------------	------------	-----------	-----------	----------	------------	------------	------------	-----------	-----------	----------

## FOREIGN

<b>Total</b>	<b>15</b>	<b>9</b>	<b>---</b>	<b>3</b>	<b>---</b>	<b>3</b>	<b>15</b>	<b>9</b>	<b>---</b>	<b>3</b>	<b>---</b>	<b>3</b>
26	---	---	---	---	---	---	6	6	---	---	---	---
25	1	1	---	---	---	---	3	3	---	---	---	---
23	2	2	---	---	---	---	---	---	---	---	---	---
22	3	3	---	---	---	---	---	---	---	---	---	---
21	2	2	---	---	---	---	---	---	---	---	---	---
19	1	1	---	---	---	---	---	---	---	---	---	---
≤ 12	6	---	---	3	---	3	6	---	---	3	---	3

## DOMESTIC

<b>Total</b>	<b>573</b>	<b>505</b>	<b>---</b>	<b>34</b>	<b>34</b>	<b>---</b>	<b>565</b>	<b>501</b>	<b>---</b>	<b>33</b>	<b>31</b>	<b>---</b>
28	2	---	---	---	2	---	---	---	---	---	---	---
27	3	---	---	---	3	---	---	---	---	---	---	---
26	4	4	---	---	---	---	---	---	---	---	---	---
25	17	13	---	---	4	---	12	12	---	---	---	---
24	44	31	---	7	6	---	15	9	---	6	---	---
23	20	19	---	---	1	---	2	2	---	---	---	---
22	15	15	---	---	---	---	9	9	---	---	---	---
21	8	8	---	---	---	---	2	1	---	---	1	---
20	7	1	---	---	6	---	1	1	---	---	---	---
19	3	1	---	---	2	---	2	2	---	---	---	---
18	9	9	---	---	---	---	7	7	---	---	---	---
17	---	---	---	---	---	---	32	23	---	---	9	---
16	22	22	---	---	---	---	19	19	---	---	---	---
15	10	---	---	---	10	---	38	38	---	---	---	---
14	9	---	---	9	---	---	9	---	---	9	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**FAIRPORT HARBOR, OH - continued**  
Inbound

Outbound

## DOMESTIC

≤ 12	400	382	----	18	----	----	417	378	----	18	21	----
											<b>Total trips:</b>	<b>1,168</b>

**ASHTABULA HARBOR, OH**

Inbound

Outbound

<b>Grand Total</b>	<b>362</b>	<b>352</b>	----	<b>5</b>	<b>5</b>	----	<b>367</b>	<b>357</b>	----	<b>5</b>	<b>5</b>	----
--------------------	------------	------------	------	----------	----------	------	------------	------------	------	----------	----------	------

## FOREIGN

<b>Total</b>	<b>116</b>	<b>116</b>	----	----	----	----	<b>115</b>	<b>115</b>	----	----	----	----
30	----	----	----	----	----	----	18	18	----	----	----	----
29	----	----	----	----	----	----	7	7	----	----	----	----
28	----	----	----	----	----	----	11	11	----	----	----	----
27	----	----	----	----	----	----	9	9	----	----	----	----
26	30	30	----	----	----	----	30	30	----	----	----	----
25	7	7	----	----	----	----	2	2	----	----	----	----
24	31	31	----	----	----	----	10	10	----	----	----	----
23	36	36	----	----	----	----	11	11	----	----	----	----
22	7	7	----	----	----	----	3	3	----	----	----	----
21	2	2	----	----	----	----	1	1	----	----	----	----
20	----	----	----	----	----	----	8	8	----	----	----	----
19	1	1	----	----	----	----	----	----	----	----	----	----
18	1	1	----	----	----	----	3	3	----	----	----	----
17	1	1	----	----	----	----	2	2	----	----	----	----

## DOMESTIC

<b>Total</b>	<b>246</b>	<b>236</b>	----	<b>5</b>	<b>5</b>	----	<b>252</b>	<b>242</b>	----	<b>5</b>	<b>5</b>	----
29	22	22	----	----	----	----	1	1	----	----	----	----
28	59	54	----	----	5	----	7	7	----	----	----	----
27	25	25	----	----	----	----	31	31	----	----	----	----
26	23	23	----	----	----	----	5	5	----	----	----	----
25	7	7	----	----	----	----	13	8	----	5	----	----
24	8	3	----	5	----	----	52	47	----	----	5	----
23	2	2	----	----	----	----	13	13	----	----	----	----
22	2	2	----	----	----	----	32	32	----	----	----	----
21	5	5	----	----	----	----	15	15	----	----	----	----
20	6	6	----	----	----	----	20	20	----	----	----	----
19	3	3	----	----	----	----	25	25	----	----	----	----
18	32	32	----	----	----	----	19	19	----	----	----	----
17	19	19	----	----	----	----	11	11	----	----	----	----
16	14	14	----	----	----	----	8	8	----	----	----	----
15	18	18	----	----	----	----	----	----	----	----	----	----
14	1	1	----	----	----	----	----	----	----	----	----	----
											<b>Total trips:</b>	<b>729</b>

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## CONNEAUT HARBOR, OH

Inbound							Outbound					
Grand Total	220	220	----	----	----	----	216	216	----	----	----	----

## FOREIGN

Total	81	81	----	----	----	----	80	80	----	----	----	----
30	----	----	----	----	----	----	15	15	----	----	----	----
29	----	----	----	----	----	----	5	5	----	----	----	----
28	----	----	----	----	----	----	23	23	----	----	----	----
27	----	----	----	----	----	----	14	14	----	----	----	----
26	11	11	----	----	----	----	14	14	----	----	----	----
25	7	7	----	----	----	----	----	----	----	----	----	----
24	21	21	----	----	----	----	5	5	----	----	----	----
23	31	31	----	----	----	----	2	2	----	----	----	----
22	8	8	----	----	----	----	2	2	----	----	----	----
21	3	3	----	----	----	----	----	----	----	----	----	----

## DOMESTIC

Total	139	139	----	----	----	----	136	136	----	----	----	----
29	1	1	----	----	----	----	----	----	----	----	----	----
28	27	27	----	----	----	----	----	----	----	----	----	----
27	14	14	----	----	----	----	----	----	----	----	----	----
26	6	6	----	----	----	----	----	----	----	----	----	----
25	5	5	----	----	----	----	8	8	----	----	----	----
24	1	1	----	----	----	----	39	39	----	----	----	----
23	----	----	----	----	----	----	9	9	----	----	----	----
22	8	8	----	----	----	----	7	7	----	----	----	----
21	7	7	----	----	----	----	11	11	----	----	----	----
20	10	10	----	----	----	----	15	15	----	----	----	----
19	5	5	----	----	----	----	24	24	----	----	----	----
18	46	46	----	----	----	----	17	17	----	----	----	----
17	5	5	----	----	----	----	1	1	----	----	----	----
16	1	1	----	----	----	----	1	1	----	----	----	----
15	3	3	----	----	----	----	4	4	----	----	----	----
Total trips:											436	

## ERIE HARBOR, PA

Inbound							Outbound					
Grand Total	681	681	----	----	----	----	681	681	----	----	----	----

## FOREIGN

Total	18	18	----	----	----	----	16	16	----	----	----	----
26	4	4	----	----	----	----	----	----	----	----	----	----
25	5	5	----	----	----	----	----	----	----	----	----	----
23	----	----	----	----	----	----	1	1	----	----	----	----
22	----	----	----	----	----	----	3	3	----	----	----	----
21	2	2	----	----	----	----	3	3	----	----	----	----
20	2	2	----	----	----	----	3	3	----	----	----	----
19	----	----	----	----	----	----	1	1	----	----	----	----
18	----	----	----	----	----	----	2	2	----	----	----	----



Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## ERIE HARBOR, PA - continued

ERIC HARBOH, 7 A - continued

Inbound							Outbound						
FOREIGN													
16	1	1	----	----	----	----	1	1	----	----	----	----	
15	1	1	----	----	----	----	----	----	----	----	----	----	
14	----	----	----	----	----	----	1	1	----	----	----	----	
≤ 12	3	3	----	----	----	----	1	1	----	----	----	----	
DOMESTIC													
Total	663	663	----	----	----	----	665	665	----	----	----	----	
25	14	14	----	----	----	----	----	----	----	----	----	----	
24	13	13	----	----	----	----	----	----	----	----	----	----	
23	2	2	----	----	----	----	2	2	----	----	----	----	
22	----	----	----	----	----	----	1	1	----	----	----	----	
21	----	----	----	----	----	----	1	1	----	----	----	----	
20	2	2	----	----	----	----	----	----	----	----	----	----	
18	----	----	----	----	----	----	3	3	----	----	----	----	
17	----	----	----	----	----	----	3	3	----	----	----	----	
16	----	----	----	----	----	----	20	20	----	----	----	----	
15	----	----	----	----	----	----	4	4	----	----	----	----	
14	304	304	----	----	----	----	----	----	----	----	----	----	
13	11	11	----	----	----	----	----	----	----	----	----	----	
≤ 12	317	317	----	----	----	----	631	631	----	----	----	----	
Total trips:											1,362		

## DUNKIRK HARBOR, NY

Inbound							Outbound					
Grand Total	30	30	---	---	---	---	30	30	---	---	---	---
DOMESTIC												
Total	30	30	---	---	---	---	30	30	---	---	---	---
19	21	21	---	---	---	---	13	13	---	---	---	---
18	8	8	---	---	---	---	14	14	---	---	---	---
17	1	1	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	2	2	---	---	---	---
15	---	---	---	---	---	---	1	1	---	---	---	---
Total trips:											60	

## BUFFALO HARBOR, NY

Upbound							Downbound					
Grand Total	362	334	3	17	2	6	354	334	1	11	2	6
FOREIGN												
Total	45	40	3	1	1	---	51	39	---	6	1	5
25	---	---	---	---	---	---	1	1	---	---	---	---
24	1	1	---	---	---	---	7	7	---	---	---	---

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**BUFFALO HARBOR, NY - continued**  
Upbound

## Downbound

## FOREIGN

23	3	3	---	---	---	---	3	3	---	---	---	---
22	8	8	---	---	---	---	11	11	---	---	---	---
21	5	5	---	---	---	---	2	2	---	---	---	---
20	1	1	---	---	---	---	2	2	---	---	---	---
19	7	7	---	---	---	---	5	5	---	---	---	---
18	13	13	---	---	---	---	3	3	---	---	---	---
17	1	1	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	3	---	---	3	---	---
15	2	---	1	1	---	---	1	---	---	1	---	---
≤ 12	4	1	2	---	1	---	13	5	---	2	1	5

## DOMESTIC

Total	317	294	---	16	1	6	303	295	1	5	1	1
26	---	---	---	---	---	---	6	6	---	---	---	---
25	---	---	---	---	---	---	11	11	---	---	---	---
24	---	---	---	---	---	---	11	11	---	---	---	---
23	---	---	---	---	---	---	7	6	---	---	1	---
22	---	---	---	---	---	---	10	9	1	---	---	---
21	---	---	---	---	---	---	5	5	---	---	---	---
20	1	1	---	---	---	---	4	4	---	---	---	---
19	10	10	---	---	---	---	6	6	---	---	---	---
18	11	11	---	---	---	---	2	2	---	---	---	---
17	9	8	---	---	1	---	2	2	---	---	---	---
16	19	19	---	---	---	---	1	1	---	---	---	---
15	1	1	---	---	---	---	---	---	---	---	---	---
14	6	---	---	1	---	5	1	---	---	1	---	---
≤ 12	260	244	---	15	---	1	237	232	---	4	---	1
											Total trips:	716

**NIAGARA RIVER, NY**

## Upbound

## Downbound

Grand Total	5,293	5,277	16	---	---	---	5,183	5,164	17	2	---	---
-------------	-------	-------	----	-----	-----	-----	-------	-------	----	---	-----	-----

## FOREIGN

Total	---	---	---	---	---	---	2	---	2	---	---	---
19	---	---	---	---	---	---	1	---	1	---	---	---
18	---	---	---	---	---	---	1	---	1	---	---	---

## DOMESTIC

Total	5,293	5,277	16	---	---	---	5,181	5,164	15	2	---	---
20	---	---	---	---	---	---	16	15	1	---	---	---
19	---	---	---	---	---	---	2	---	2	---	---	---
18	4	3	1	---	---	---	14	2	12	---	---	---
15	14	14	---	---	---	---	---	---	---	---	---	---
≤ 12	5,275	5,260	15	---	---	---	5,149	5,147	---	2	---	---
											Total trips:	10,476

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## PORT OF BUFFALO, NY

Inbound							Outbound					
Grand Total	5,365	5,329	18	12	2	4	5,361	5,316	19	16	2	8

## FOREIGN

Total	48	39	2	3	1	3	50	40	3	4	1	2
25	1	1	---	---	---	---	---	---	---	---	---	---
24	7	7	---	---	---	---	1	1	---	---	---	---
23	3	3	---	---	---	---	3	3	---	---	---	---
22	11	11	---	---	---	---	8	8	---	---	---	---
21	2	2	---	---	---	---	5	5	---	---	---	---
20	2	2	---	---	---	---	1	1	---	---	---	---
19	6	5	1	---	---	---	7	7	---	---	---	---
18	4	3	1	---	---	---	13	13	---	---	---	---
17	---	---	---	---	---	---	1	1	---	---	---	---
16	---	---	---	---	---	---	3	---	---	3	---	---
15	1	---	---	1	---	---	2	---	1	1	---	---
≤ 12	11	5	---	2	1	3	6	1	2	---	1	2

## DOMESTIC

Total	5,317	5,290	16	9	1	1	5,311	5,276	16	12	1	6
26	6	6	---	---	---	---	---	---	---	---	---	---
25	11	11	---	---	---	---	---	---	---	---	---	---
24	11	11	---	---	---	---	---	---	---	---	---	---
23	7	6	---	---	1	---	---	---	---	---	---	---
22	10	9	1	---	---	---	---	---	---	---	---	---
21	5	5	---	---	---	---	---	---	---	---	---	---
20	20	19	1	---	---	---	1	1	---	---	---	---
19	8	6	2	---	---	---	10	10	---	---	---	---
18	16	4	12	---	---	---	15	14	1	---	---	---
17	2	2	---	---	---	---	9	8	---	---	1	---
16	1	1	---	---	---	---	19	19	---	---	---	---
15	---	---	---	---	---	---	15	15	---	---	---	---
14	1	---	---	1	---	---	6	---	---	---	---	5
≤ 12	5,219	5,210	---	8	---	1	5,236	5,209	15	11	---	1
Total trips:											10,726	

## OSWEGO HARBOR, NY

Upbound							Downbound					
Grand Total	172	142	8	5	15	2	171	143	8	4	14	2

## FOREIGN

Total	145	115	8	5	15	2	142	114	8	4	14	2
26	1	1	---	---	---	---	2	2	---	---	---	---
25	1	1	---	---	---	---	1	1	---	---	---	---
24	---	---	---	---	---	---	2	2	---	---	---	---
23	1	1	---	---	---	---	12	7	5	---	---	---
22	4	4	---	---	---	---	14	8	2	---	4	---
21	6	6	---	---	---	---	24	20	1	---	3	---
20	6	6	---	---	---	---	12	11	---	---	---	1

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**OSWEGO HARBOR, NY - continued**

Upbound

Downbound

## FOREIGN

19	9	8	1	----	----	----	6	5	----	----	----	1
18	29	26	3	----	----	----	8	8	----	----	----	----
17	16	15	1	----	----	----	3	3	----	----	----	----
16	4	1	3	----	----	----	----	----	----	----	----	----
15	2	----	----	----	2	----	2	----	----	1	1	----
14	----	----	----	----	----	----	1	----	----	----	1	----
13	2	----	----	----	2	----	1	----	----	1	----	----
≤ 12	64	46	----	5	11	2	54	47	----	2	5	----

## DOMESTIC

<b>Total</b>	<b>27</b>	<b>27</b>	----	----	----	----	<b>29</b>	<b>29</b>	----	----	----	----
26	----	----	----	----	----	----	2	2	----	----	----	----
19	----	----	----	----	----	----	1	1	----	----	----	----
18	2	2	----	----	----	----	----	----	----	----	----	----
15	----	----	----	----	----	----	1	1	----	----	----	----
≤ 12	25	25	----	----	----	----	25	25	----	----	----	----

Total trips: 343

**BARCELONA HARBOR, NY**

No Vessel Trips Reported

**CAPE VINCENT, NY**

No Vessel Trips Reported

**GREAT SODUS BAY HARBOR, NY**

No Vessel Trips Reported

**NIAGARA FALLS, NY**  
(7 feet and less)

Inbound

Outbound

<b>Grand Total</b>	<b>4,865</b>	<b>4,865</b>	----	----	----	----	<b>4,865</b>	<b>4,865</b>	----	----	----	----
											<b>Total trips:</b>	<b>9,730</b>

**OGDENSBURG HARBOR, NY**  
(22 feet and less)

Inbound

Outbound

<b>Grand Total</b>	<b>27</b>	<b>27</b>	----	----	----	----	<b>23</b>	<b>23</b>	----	----	----	----
											<b>Total trips:</b>	<b>50</b>

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**PORT CLINTON HARBOR, OH**  
(9 feet and less)

Inbound							Outbound					
<b>Grand Total</b>	<b>2,081</b>	<b>2,081</b>	----	----	----	----	<b>2,081</b>	<b>2,081</b>	----	----	----	----
<b>Total trips:</b>											<b>4,162</b>	

**ROCHESTER (CHARLOTTE) HARBOR, NY**  
(20 feet and less)

Inbound							Outbound					
<b>Grand Total</b>	<b>129</b>	<b>128</b>	----	----	<b>1</b>	----	<b>129</b>	<b>128</b>	----	----	<b>1</b>	----
<b>Total trips:</b>											<b>258</b>	

**SACKETS HARBOR, NY**  
(4 feet and less)

Inbound							Outbound					
<b>Grand Total</b>	<b>6</b>	<b>6</b>	----	----	----	----	<b>6</b>	<b>6</b>	----	----	----	----
<b>Total trips:</b>											<b>12</b>	

**TONAWANDA HARBOR, NY**  
(19 feet and less)

Upbound							Downbound					
<b>Grand Total</b>	<b>145</b>	<b>143</b>	<b>2</b>	----	----	----	<b>144</b>	<b>142</b>	<b>2</b>	----	----	----
<b>Total trips:</b>											<b>289</b>	

**VERMILION HARBOR, OH**  
No Vessel Trips Reported**WADDINGTON HARBOR, NY**  
No Vessel Trips Reported

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

## ILLINOIS RIVER, IL

Upbound

Downbound

<b>Grand Total</b>	<b>33,590</b>	<b>7,216</b>	-----	<b>3,814</b>	<b>18,926</b>	<b>3,634</b>	<b>33,600</b>	<b>7,216</b>	-----	<b>3,734</b>	<b>18,961</b>	<b>3,689</b>
--------------------	---------------	--------------	-------	--------------	---------------	--------------	---------------	--------------	-------	--------------	---------------	--------------

## DOMESTIC

<b>Total</b>	<b>33,590</b>	<b>7,216</b>	-----	<b>3,814</b>	<b>18,926</b>	<b>3,634</b>	<b>33,600</b>	<b>7,216</b>	-----	<b>3,734</b>	<b>18,961</b>	<b>3,689</b>
13	---	---	---	---	---	---	1	---	---	---	---	1
12	31	---	---	---	10	21	60	---	---	---	54	6
11	173	---	---	12	116	45	127	---	---	7	91	29
10	326	---	---	3	197	126	231	---	---	3	190	38
9	6,475	---	---	892	4,612	971	9,184	---	---	888	7,871	425
8	7,438	---	---	1,374	4,936	1,128	6,759	---	---	1,425	4,599	735
7	6,964	5,536	---	884	354	190	6,781	5,536	---	733	364	148
6	2,308	1,680	---	321	180	127	2,702	1,680	---	338	543	141
5	506	---	---	327	77	102	452	---	---	337	79	36
4	93	---	---	1	43	49	136	---	---	3	74	59
3	88	---	---	---	52	36	314	---	---	---	60	254
2	8,793	---	---	---	7,977	816	6,650	---	---	---	4,947	1,703
1	395	---	---	---	372	23	203	---	---	---	89	114
<b>Total trips:</b>											<b>67,190</b>	

## CALUMET-SAG CHANNEL, IL

Upbound

Downbound

<b>Grand Total</b>	<b>8,189</b>	-----	<b>9</b>	<b>1,258</b>	<b>5,729</b>	<b>1,193</b>	<b>9,236</b>	<b>1,216</b>	<b>9</b>	<b>1,280</b>	<b>5,619</b>	<b>1,112</b>
--------------------	--------------	-------	----------	--------------	--------------	--------------	--------------	--------------	----------	--------------	--------------	--------------

## DOMESTIC

<b>Total</b>	<b>8,189</b>	-----	<b>9</b>	<b>1,258</b>	<b>5,729</b>	<b>1,193</b>	<b>9,236</b>	<b>1,216</b>	<b>9</b>	<b>1,280</b>	<b>5,619</b>	<b>1,112</b>
12	3	---	---	1	---	2	12	---	---	4	2	6
11	125	---	---	98	19	8	127	---	---	107	6	14
10	157	---	---	106	40	11	690	---	---	106	554	30
9	1,638	---	---	50	1,446	142	1,759	---	---	57	1,274	428
8	2,935	---	---	664	2,029	242	2,009	---	5	657	1,193	154
7	417	---	---	220	167	30	353	---	2	203	100	48
6	1,646	---	9	22	1,599	16	110	---	2	31	52	25
5	49	---	---	---	36	13	1,260	1,216	---	---	20	24
4	122	---	---	97	22	3	122	---	---	115	2	5
3	39	---	---	---	15	24	30	---	---	---	11	19
2	1,054	---	---	---	356	698	2,697	---	---	---	2,344	353
1	4	---	---	---	---	4	67	---	---	---	61	6
<b>Total trips:</b>											<b>17,425</b>	

## CHICAGO SANITARY AND SHIP CANAL, IL

Upbound

Downbound

<b>Grand Total</b>	<b>17,480</b>	<b>1,217</b>	-----	<b>3,141</b>	<b>10,500</b>	<b>2,622</b>	<b>16,416</b>	<b>1</b>	-----	<b>3,173</b>	<b>10,359</b>	<b>2,883</b>
--------------------	---------------	--------------	-------	--------------	---------------	--------------	---------------	----------	-------	--------------	---------------	--------------

## DOMESTIC

<b>Total</b>	<b>17,480</b>	<b>1,217</b>	-----	<b>3,141</b>	<b>10,500</b>	<b>2,622</b>	<b>16,416</b>	<b>1</b>	-----	<b>3,173</b>	<b>10,359</b>	<b>2,883</b>
--------------	---------------	--------------	-------	--------------	---------------	--------------	---------------	----------	-------	--------------	---------------	--------------

Trips and Drafts of Vessels, 1994  
(draft in feet)

Draft	Self Propelled Vessels				Non-Self Propelled Vessels		Self Propelled Vessels				Non-Self Propelled Vessels	
	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker	Total	Pass & Dry Cargo	Tanker	Tow or Tug	Dry Cargo	Tanker

**CHICAGO SANITARY AND SHIP CANAL, IL - continued**

Upbound

Downbound

## DOMESTIC

≤ 12	17,480	1,217	-----	3,141	10,500	2,622	16,416	1	-----	3,173	10,359	2,883
											<b>Total trips:</b>	<b>33,896</b>

**ILLINOIS WATERWAY, IL**

Upbound

Downbound

**Grand**

<b>Total</b>	<b>41,116</b>	<b>8,432</b>	<b>9</b>	<b>5,920</b>	<b>21,659</b>	<b>5,096</b>	<b>39,479</b>	<b>7,216</b>	<b>9</b>	<b>5,918</b>	<b>22,034</b>	<b>4,302</b>
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## DOMESTIC

<b>Total</b>	<b>41,116</b>	<b>8,432</b>	<b>9</b>	<b>5,920</b>	<b>21,659</b>	<b>5,096</b>	<b>39,479</b>	<b>7,216</b>	<b>9</b>	<b>5,918</b>	<b>22,034</b>	<b>4,302</b>
13	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	-----	1
≤ 12	41,116	8,432	9	5,920	21,659	5,096	39,478	7,216	9	5,918	22,034	4,301
											<b>Total trips:</b>	<b>80,595</b>

## INDEX

## Pages

## A

ALABASTER, MI . . . . .	112, 201
ALGOMA HARBOR, WI . . . . .	109, 197
ALGONAC, MI . . . . .	109, 197
ALPENA HARBOR, MI . . . . .	67, 182
ASHLAND HARBOR, WI . . . . .	9, 162
ASHTABULA HARBOR, OH . . . . .	126, 207
AU SABLE HARBOR AND RIVER (OSCODA), MI . . . . .	109, 197

## B

BARCELONA HARBOR, NY . . . . .	138, 212
BAYFIELD HARBOR, WI . . . . .	9, 163
BEAVER BAY HARBOR, MN . . . . .	9, 163
BIG BAY HARBOR, MI . . . . .	109, 197
BLACK RIVER HARBOR, MI . . . . .	109, 197
BUFFALO HARBOR, NY . . . . .	130, 209
BUFFALO, NY DISTRICT . . . . .	3, 161
BUFFALO, NY, PORT OF . . . . .	133, 211
BUFFALO HARBOR, NY . . . . .	130, 209
NIAGARA RIVER, NY . . . . .	132, 210
TONAWANDA HARBOR, NY . . . . .	138, 213
BUFFINGTON HARBOR, IN . . . . .	36, 169
BURNS WATERWAY HARBOR, IN . . . . .	32, 168

## C

CALCITE, MI . . . . .	106, 194
CALUMET HARBOR AND RIVER, IL AND IN . . . . .	18, 165
CALUMET-SAG CHANNEL, IL . . . . .	144, 214
CAPE VINCENT, NY . . . . .	138, 212
CASEVILLE, MI . . . . .	109, 197
CEDAR RIVER HARBOR, MI . . . . .	109, 197
CHANNELS IN LAKE ST. CLAIR . . . . .	80, 187
CHARLEVOIX HARBOR, MI . . . . .	51, 175
CHEBOYGAN HARBOR, MI . . . . .	60, 180
CHICAGO HARBOR, IL . . . . .	36, 169
CHICAGO RIVER (MAIN AND NORTH BRANCH), IL . . . . .	11, 164
CHICAGO RIVER, (SOUTH BRANCH), IL . . . . .	13, 164
CHICAGO SANITARY AND SHIP CANAL, IL . . . . .	147, 214
CHICAGO, IL DISTRICT . . . . .	10, 164
CHICAGO, IL, PORT OF . . . . .	25, 166
CALUMET HARBOR AND RIVER, IL AND IN . . . . .	18, 165
CALUMET-SAG CHANNEL, IL . . . . .	144, 214
CHICAGO RIVER (MAIN AND NORTH BRANCH), IL . . . . .	36, 169
CHICAGO RIVER (SOUTH BRANCH), IL . . . . .	13, 164
CHICAGO SANITARY AND SHIP CANAL, IL . . . . .	147, 214
LAKE CALUMET, IL . . . . .	15, 165
CHIPPEWA HARBOR (ISLE ROYALE), MI . . . . .	9, 163
CLEVELAND HARBOR, OH . . . . .	122, 205
COMMODITY CLASSIFICATION LIST . . . . .	viii
CONNEAUT HARBOR, OH . . . . .	127, 208
CORNUCOPIA HARBOR, WI . . . . .	9, 163

## D

DETOUR, MI AND VICINITY . . . . .	109, 197
DETROIT HARBOR, MI . . . . .	91, 189
DETROIT HARBOR, WI . . . . .	109, 197
DETROIT, MI DISTRICT . . . . .	37, 170
DETROIT RIVER, MI . . . . .	84, 188



	Pages
D	
DETROIT, MI, PORT OF . . . . .	101, 192
DETROIT HARBOR, MI . . . . .	109, 197
ECORSE, MI . . . . .	98, 191
ROUGE RIVER, MI . . . . .	96, 190
TRENTON, MI . . . . .	100, 192
WYANDOTTE, MI . . . . .	112, 201
DRUMMOND ISLAND, MI . . . . .	40, 171
DULUTH-SUPERIOR HARBOR, MN AND WI . . . . .	4, 161
DUNKIRK HARBOR, NY . . . . .	129, 209
E	
EAGLE HARBOR, MI . . . . .	109, 197
ECORSE, MI . . . . .	98, 191
ERIE HARBOR, PA . . . . .	128, 208
ESCANABA, MI . . . . .	107, 195
F	
FAIRPORT HARBOR, OH . . . . .	125, 206
FRANKFORT HARBOR, MI . . . . .	109, 197
FREIGHT TONS BY CARRIED ON GREAT LAKES BY AREA . . . . .	xi
FREIGHT TONS CARRIED ON GREAT LAKES BY TYPE OF TRAFFIC AND COMMODITY . . . . .	xii
G	
GARY HARBOR, IN . . . . .	36, 169
GLADSTONE HARBOR, MI . . . . .	50, 174
GRAND HAVEN HARBOR AND GRAND RIVER, MI . . . . .	56, 178
GRAND MARAIS HARBOR (HARBOR OF REFUGE), MI . . . . .	109, 198
GRAND MARAIS HARBOR, MN . . . . .	9, 163
GRAND TRAVERSE BAY HARBOR, MI . . . . .	109, 198
GRAYS REEF PASSAGE, MI . . . . .	49, 174
GREAT SODUS BAY HARBOR, NY . . . . .	138, 212
GREEN BAY HARBOR, WI . . . . .	65, 182
H	
HARBOR BEACH, MI (HARBOR OF REFUGE, LAKE HURON) . . . . .	109, 198
HARRISVILLE HARBOR, MI (HARBOR OF REFUGE, LAKE HURON) . . . . .	110, 198
HOLLAND HARBOR, MI . . . . .	58, 179
HURON HARBOR, OH . . . . .	120, 204
I	
ILLINOIS RIVER, IL . . . . .	139, 214
ILLINOIS WATERWAY, IL (CONSOLIDATED REPORT) . . . . .	152, 215
CALUMET-SAG CHANNEL, IL . . . . .	144, 214
CHICAGO RIVER (SOUTH BRANCH), IL . . . . .	13, 164
CHICAGO SANITARY AND SHIP CANAL, IL . . . . .	147, 214
ILLINOIS RIVER, IL . . . . .	139, 214
INDIANA HARBOR, IN . . . . .	30, 167
INTRODUCTION . . . . .	ii
K	
KELLEYS ISLAND, OH . . . . .	117, 202
KENOSHA HARBOR, WI . . . . .	110, 198
KEWAUNEE HARBOR, WI . . . . .	110, 198
KEWEENAW WATERWAY, MI . . . . .	110, 198
KNIFE RIVER HARBOR, MN . . . . .	9, 163
L	
LA POINTE HARBOR, WI . . . . .	9, 163

	Pages
L	
LAC LA BELLE HARBOR, MI . . . . .	110, 198
LAKE CALUMET, IL . . . . .	15, 165
LELAND HARBOR, MI . . . . .	110, 198
LIME ISLAND, MI . . . . .	110, 198
LORAIN HARBOR, OH . . . . .	121, 204
LUDINGTON HARBOR, MI . . . . .	54, 176
LUTSEN HARBOR, MN . . . . .	9, 163
M	
MACKINAC HARBOR, MI . . . . .	110, 198
MACKINAW CITY HARBOR, MI . . . . .	110, 199
MANISTEE HARBOR, MI . . . . .	53, 176
MANISTIQUE HARBOR, MI . . . . .	110, 199
MANITOWOC HARBOR, WI . . . . .	64, 181
MARBLEHEAD, OH . . . . .	112, 201
MARINE CITY, MI . . . . .	79, 187
MARQUETTE HARBOR, MI . . . . .	38, 170
MARYSVILLE, MI . . . . .	76, 186
MENOMINEE HARBOR AND RIVER, MI AND WI . . . . .	110, 199
MICHIGAN CITY HARBOR, IN . . . . .	36, 169
MILWAUKEE HARBOR, WI . . . . .	61, 180
MONROE HARBOR, MI . . . . .	105, 193
MUSKEGON HARBOR, MI . . . . .	55, 177
N	
NEW BUFFALO HARBOR, MI . . . . .	111, 199
NIAGARA FALLS, NY . . . . .	138, 212
NIAGARA RIVER, NY . . . . .	132, 210
O	
OCONTO HARBOR, WI . . . . .	111, 199
OGDENSBURG HARBOR, NY . . . . .	138, 212
ONTONAGON HARBOR, MI . . . . .	39, 171
OSWEGO HARBOR, NY . . . . .	136, 211
P	
PENSAUKEE HARBOR, WI . . . . .	111, 199
PENTWATER HARBOR, MI . . . . .	111, 199
PORT CLINTON HARBOR, OH . . . . .	138, 213
PORT DOLOMITE, MI . . . . .	113, 201
PORT GYPSUM, MI . . . . .	113, 201
PORT HURON, MI . . . . .	74, 185
PORT INLAND, MI . . . . .	113, 201
PORT OF BUFFALO, NY . . . . .	133, 211
PORT OF CHICAGO, IL . . . . .	25, 166
PORT OF DETROIT, MI . . . . .	101, 192
PORT SANILAC HARBOR, MI . . . . .	111, 199
PORT WASHINGTON HARBOR, WI . . . . .	64, 181
PORT WING HARBOR, WI . . . . .	9, 163
PRESQUE ISLE HARBOR, MI . . . . .	37, 170
PUT-IN-BAY HARBOR, OH . . . . .	111, 199
R	
RACINE HARBOR, WI . . . . .	111, 199
ROCHESTER (CHARLOTTE) HARBOR, NY . . . . .	138, 213
ROCK ISLAND, IL DISTRICT . . . . .	114, 202
ROGERS CITY, MI . . . . .	111, 200
ROUGE RIVER, MI . . . . .	96, 190

## Pages

## S

SACKETS HARBOR, NY . . . . .	138, 213
SAGINAW RIVER, MI . . . . .	68, 183
SANDUSKY HARBOR, OH . . . . .	118, 203
SAUGATUCK HARBOR AND KALAMAZOO RIVER, MI . . . . .	111, 200
SAULT STE. MARIE, MI . . . . .	111, 200
SEBEWAING, MI . . . . .	112, 200
SHEBOYGAN HARBOR, WI . . . . .	112, 200
SILVER BAY, MN . . . . .	9, 163
SOUTH HAVEN HARBOR, MI . . . . .	112, 200
ST. CLAIR RIVER, MI . . . . .	69, 184
ST. CLAIR, MI . . . . .	78, 186
ST. JAMES (BEAVER ISLAND), MI . . . . .	112, 200
ST. JOSEPH HARBOR, MI . . . . .	59, 179
ST. MARYS FALLS CANAL, MI AND SAULT STE. MARIE, ONTARIO SHIP CANAL, CN . . . . .	46, 173
ST. MARYS RIVER, MI . . . . .	41, 172
STONEPORT, MI . . . . .	108, 196
ST. PAUL, MN DISTRICT . . . . .	139, 214
STURGEON BAY AND LAKE MICHIGAN SHIP CANAL, WI . . . . .	112, 200
SUMMARY OF GREAT LAKES TRAFFIC:	
FREIGHT TONS BY AREA . . . . .	xi
FREIGHT TONS BY COMMODITY . . . . .	xii
TON-MILES BY AREA . . . . .	x

## T

TACONITE HARBOR, MN . . . . .	8, 162
TERMINOLOGY . . . . .	v
TOLEDO HARBOR, OH . . . . .	114, 202
TON-MILEAGE OF FREIGHT CARRIED ON THE GREAT LAKES . . . . .	x
TONAWANDA HARBOR, NY . . . . .	138, 213
TRAVERSE CITY HARBOR, MI . . . . .	52, 175
TRENTON, MI . . . . .	100, 192
TWO HARBORS (AGATE BAY), MN . . . . .	3, 161
TWO RIVERS HARBOR, WI . . . . .	112, 201

## V

VERMILION HARBOR, OH . . . . .	138, 213
--------------------------------	----------

## W

WADDINGTON HARBOR, NY . . . . .	138, 213
WARROAD HARBOR, MN . . . . .	9, 163
WAUKEGAN HARBOR, IL . . . . .	10, 164
WHITE LAKE HARBOR, MI . . . . .	112, 201
WHITEFISH POINT HARBOR, MI . . . . .	112, 201
WYANDOTTE, MI . . . . .	112, 201

**Publication Commodity Codes Cross Reference List**  
**(sorted by 1994 commodity codes)**

<b>1994 Commodity</b>	<b>1989 Commodity</b>
0200 Vehicles	4115 Transported Vehicles (E.G. Ferried Autos)
.....	4116 Railway Cars (Loaded)
.....	4117 Railway Cars (Empty)
0300 Passengers	4114 Passengers Only
1100 Coal & Lignite	1121 Coal and Lignite
1200 Coke	2920 Coke, Including Petroleum Coke
2100 Crude Petroleum	1311 Crude Petroleum
2211 Gasoline	2911 Gasoline, Including Additives
.....	2912 Jet Fuel
2221 Kerosene	2913 Kerosene
2330 Distillate Fuel Oil	2914 Distillate Fuel Oil
2340 Residual Fuel Oil	2915 Residual Fuel Oil
2350 Lube Oil & Greases	2916 Lubricating Oil and Greases
2410 Petro. Jelly & Waxes	2991 Petroleum and Coal Products, NEC
2429 Naphtha & Solvents	2917 Naphtha, Mineral Spirits, Solvent, NEC
2430 Asphalt, Tar & Pitch	2918 Asphalt, Tar and Pitches
2540 Petroleum Coke	2920 Coke, Including Petroleum Coke
2640 Liquid Natural Gas	2921 Liquified Petroleum Gases, Coal Gas, Nat Gas/Liquid
2990 Petro. Products NEC	2991 Petroleum and Coal Products, NEC
.....	3113 Coke (coal & petroleum), petroleum pitches and asphalts, and naphtha and solvents
3110 Nitrogenous Fert.	2871 Nitrogenous Chemical Fertilizers, Except Mixtures
3120 Phosphatic Fert.	2873 Phosphatic Chemical Fertilizers, Except Mixtures
3130 Potassic Fert.	2872 Potassic Chemical Fertilizers, Except Mixtures
3190 Fert. & Mixes NEC	1479 Natural Fertilizer Materials, NEC
.....	2879 Fertilizers and Fertilizer Materials, NEC
3211 Acyclic Hydrocarbons	2811 Crude Products from Coal, Tar, Petroleum & Nat Gas
3212 Benzene & Toluene	2817 Benzene and Toluene, Crude and Commercially Pure
3219 Other Hydrocarbons	2811 Crude Products from Coal, Tar, Petroleum & Nat Gas
3220 Alcohols	2813 Alcohols
3230 Carboxylic Acids	2819 Basic Chemicals & Basic Chemical Products, NEC
3240 Nitrogen Func Comp	2819 Basic Chemicals & Basic Chemical Products, NEC
3250 Organo-Inorgan Comp	2819 Basic Chemicals & Basic Chemical Products, NEC
3260 Organic Comp NEC	2819 Basic Chemicals & Basic Chemical Products, NEC
3271 Sulphur (Liquid)	1493 Sulphur, Liquid
3272 Sulphuric Acid	2818 Sulphuric Acid
3273 Ammonia	2819 Basic Chemicals & Basic Chemical Products, NEC
3274 Sodium Hydroxide	2810 Sodium Hydroxide (Caustic Soda)
3275 Inorg. Elem., Oxides, & Halogen Salts	2819 Basic Chemicals & Basic Chemical Products, NEC
3276 Metallic Salts	2819 Basic Chemicals & Basic Chemical Products, NEC
3279 Inorganic Chem. NEC	2819 Basic Chemicals & Basic Chemical Products, NEC
3281 Radioactive Material	2816 Radioactive & Associated Materials, Including Waste
3282 Pigments & Paints	2851 Paints, Varnishes, Lacquers, Enamels & Allied Prods
3283 Coloring Mat. NEC	2812 Dyes, Organic Pigment, Dyeing & Tanning Materials
3284 Medicines	2831 Drugs (Biological Prod, Medicinal Chem, Pharmaceut)
3285 Perfumes & Cleansers	2841 Soap, Detergents & Cleaning Preps, Perfume, Cosmetics
3286 Plastics	2821 Plastics, Cellulose & Resins, Film, Sheeting, Laminate
3291 Pesticides	2876 Insecticides, Fungicides, Pesticides & Disinfectants
3292 Starches, Gluten, Glue	2891 Miscellaneous Chemical Products
3293 Explosives	1911 Ordnance and Accessories
3297 Chemical Additives	2891 Miscellaneous Chemical Products

**Publication Commodity Codes Cross Reference List (continued)**  
**(sorted by 1994 commodity codes)**

<b>1994 Commodity</b>	<b>1989 Commodity</b>
3298 Wood & Resin Chem.	2861 Gum and Wood Chemicals
3299 Chem. Products NEC	2891 Miscellaneous Chemical Products
4110 Rubber & Gums	0841 Crude Rubber and Allied Gums
4150 Fuel Wood	2413 Fuel Wood, Charcoal and Wastes
4161 Wood Chips	2416 Wood Chips, Staves, Molding and Excelsior
4170 Wood in the Rough	2411 Logs
.....	2412 Rafted Logs
.....	2414 Timber, Posts, Poles, Piling & Other Wood in the Rough
.....	2415 Pulpwood Logs
4189 Lumber	2421 Lumber
4190 Forest Products NEC	0861 Forest Products, Not Elsewhere Classified
4225 Pulp & Waste Paper	2611 Pulp
.....	4024 Paper Waste and Scrap
4310 Building Stone	1412 Building Stone, Unworked
4322 Limestone	1411 Limestone Flux and Calcareous Stone
4323 Gypsum	1494 Gypsum, Crude and Plasters
4327 Phosphate Rock	1471 Phosphate Rock
4331 Sand & Gravel	1442 Sand, Gravel and Crushed Rock
4333 Dredged Material	4029 Waste and Scrap, Not Elsewhere Classified
4335 Waterway Improv. Mat	4118 Waterway Improvement Materials, Govt Materials
4338 Soil & Fill Dirt	1499 Nonmetallic Minerals, Except Fuels, NEC
4410 Iron Ore	1011 Iron Ore and Concentrates
4420 Iron & Steel Scrap	4011 Iron and Steel Scrap
4515 Marine Shells	0931 Marine Shells, Unmanufactured
4630 Copper Ore	1021 Copper Ore and Concentrates
4650 Aluminum Ore	1051 Bauxite and Other Aluminum Ores and Concentrates
4670 Manganese Ore	1061 Manganese Ores and Concentrates
4680 Non-Ferrous Scrap	4012 Nonferrous Metal Scrap
4690 Non-Ferrous Ores NEC	1091 Nonferrous Metal Ores and Concentrates, NEC
4741 Sulphur, (Dry)	1492 Sulphur, Dry
4782 Clay & Refrac. Mat.	1451 Clay, Ceramic and Refractory Materials
4783 Salt	1491 Salt
4860 Slag	3312 Slag
4900 Non-Metal. Min. NEC	1499 Nonmetallic Minerals, Except Fuels, NEC
5110 Newsprint	2621 Standard Newsprint Paper
5120 Paper & Paperboard	2631 Paper and Paperboard
5190 Paper Products NEC	2691 Pulp, Paper and Paperboard Products, NEC
5210 Lime	3271 Lime
5220 Cement & Concrete	3241 Building Cement
5240 Glass & Glass Prod.	3211 Glass and Glass Products
5290 Misc. Mineral Prod.	2951 Asphalt Building Materials
.....	3251 Structural Clay Products, Including Refractories
.....	3281 Cut Stone and Stone Products
.....	3291 Miscellaneous Nonmetallic Mineral Products
5312 Pig Iron	3311 Pig Iron
5315 Ferro Alloys	3318 Ferroalloys
5320 I&S Primary Forms	3314 Iron and Steel Ingots and Other Primary Forms
5330 I&S Plates & Sheets	3316 Iron and Steel Plates and Sheets
5360 I&S Bars & Shapes	3315 Iron and Steel Bars, Rods, Angles, Shapes & Sections
5370 I&S Pipe & Tube	3317 Iron and Steel Pipe and Tube
5390 Primary I&S NEC	3319 Primary Iron & Steel Prods, NEC Incl Rough Castings
5421 Copper	3322 Copper & Copper Alloys, Refined, Unrefined, Unworked

**Publication Commodity Codes Cross Reference List (continued)**  
**(sorted by 1994 commodity codes)**

<b>1994 Commodity</b>	<b>1989 Commodity</b>
5422 Aluminum	3324 Aluminum and Aluminum Alloys, Unworked
5429 Smelted Prod. NEC	3321 Nonferrous Metals Primary Smelter Prod, Wire Castng
.....	3323 Lead and Zinc Including Alloys, Unworked
5480 Fab. Metal Products	3411 Fabricated Metal Prods, Exc Machinery, Transp Equip
5540 Primary Wood Prod.	2431 Veneer, Plywood and Other Worked Wood
6134 Fish (Not Shellfish)	0911 Fresh Fish, Except Shellfish
.....	0913 Menhaden
6136 Shellfish	0912 Shellfish, Except Prepared or Preserved
6241 Wheat	0107 Wheat
6344 Corn	0103 Corn
6442 Rice	0105 Rice
6443 Barley & Rye	0102 Barley and Rye
6445 Oats	0104 Oats
6447 Sorghum Grains	0106 Sorghum Grains
6521 Peanuts	0119 Oilseeds, Not Elsewhere Classified
6522 Soybeans	0111 Soybeans
6534 Flaxseed	0112 Flaxseed
6590 Oilseeds NEC	0119 Oilseeds, Not Elsewhere Classified
6653 Vegetable Oils	2091 Vegetable Oils, All Grades; Margarine & Shortening
6654 Vegetables & Prod.	0141 Fresh and Frozen Vegetables
.....	2034 Vegetables & Preparations, Canned, Prepared & Presvd
6746 Wheat Flour	2041 Wheat Flour and Semolina
6747 Grain Mill Products	2049 Grain Mill Products, Not Elsewhere Classified
6781 Hay & Fodder	0122 Hay and Fodder
6782 Animal Feed, Prep.	2042 Animal Feeds
6811 Meat, Fresh, Frozen	2011 Meat, Fresh, Chilled, or Frozen
6817 Meat, Prepared	2012 Meat & Meat Products Prepared, Preserved or Canned
6822 Dairy Products	2021 Dairy Products, Except Dried Milk and Cream
.....	2022 Dried Milk and Cream
6835 Fish, Prepared	2031 Fish & Fish Products, Incl Shellfish, Prep & Presvd
6838 Tallow, Animal Oils	2014 Tallow, Animal Fats and Oils
.....	2092 Animal Oils and Fats, Not Elsewhere Classified
6839 Animals & Prod. NEC	0151 Live Animals (Livestock) Excl Zoo Animals, Dogs, Etc
.....	0161 Animals and Animal Products, NEC
.....	2015 Animal By-Products, Not Elsewhere Classified
6856 Bananas & Plantains	0132 Bananas and Plantains
6857 Fruit & Nuts NEC	0131 Fresh Fruit
6858 Fruit Juices	2039 Fruit, Fruit & Vegetable Juices Canned, Prep, Presvd
6861 Sugar	2061 Sugar
6865 Molasses	2062 Molasses
6871 Coffee	0133 Coffee, Green and Roasted (Including Instant)
6872 Cocoa Beans	0134 Cocoa Beans
6885 Alcoholic Beverages	2081 Alcoholic Beverages
6887 Groceries	2094 Groceries
6888 Water & Ice	2095 Ice
.....	4111 Water
6889 Food Products NEC	2099 Miscellaneous Food Products
6891 Tobacco & Products	0121 Tobacco, Leaf
.....	2111 Tobacco Manufactured
6893 Cotton	0101 Cotton, Raw
6894 Natural Fibers NEC	2212 Textile Fibers, Not Elsewhere Classified

**Publication Commodity Codes Cross Reference List (continued)**  
**(sorted by 1994 commodity codes)**

<b>1994 Commodity</b>	<b>1989 Commodity</b>
6899 Farm Products NEC	0129 Field Crops, Not Elsewhere Classified
.....	0191 Miscellaneous Farm Products
7110 Machinery (Not Elec)	3511 Machinery, Except Electrical
7120 Electrical Machinery	3611 Electrical Machinery, Equipment and Supplies
7210 Vehicles & Parts	3711 Motor Vehicles, Parts and Equipment
7220 Aircraft & Parts	3721 Aircraft and Parts
7230 Ships & Boats	3731 Ships and Boats
7300 Ordnance & Access.	1911 Ordnance and Accessories
7400 Manufac. Wood Prod.	2491 Wood Manufactures, Not Elsewhere Classified
7500 Textile Products	2211 Basic Textile Products, Except Textile Fibers
.....	2311 Apparel & Other Finished Textile Products,Inc Knit
.....	2823 Synthetic (Man-Made) Fiber
.....	4022 Textile Waste, Scrap and Sweepings
7600 Rubber & Plastic Pr.	2822 Synthetic Rubber
.....	3011 Rubber and Miscellaneous Plastic Products
7800 Empty Containers	4119 Empty Containers
7900 Manufac. Prod. NEC	2311 Apparel & Other Finished Textile Products,Inc Knit
7900 Manufac. Prod. NEC	2511 Furniture and Fixtures
.....	2711 Printed Matter
.....	3111 Leather and Leather Products
.....	3791 Miscellaneous Transportation Equipment
.....	3811 Instruments,Photographic/Optical Goods,Watches,Clk
.....	3911 Miscellaneous Products of Manufacturing
8900 Waste and Scrap NEC	4029 Waste and Scrap, Not Elsewhere Classified
9900 Unknown or NEC	4113 LCL Freight
.....	9999 Dept of Defense Controlled Cargo & Special Items

**Publication Commodity Codes Cross Reference List**  
(sorted by 1989 commodity codes)

<b>1994 Commodity</b>	<b>1989 Commodity</b>
6893 Cotton	0101 Cotton, Raw
6443 Barley & Rye	0102 Barley and Rye
6344 Corn	0103 Corn
6445 Oats	0104 Oats
6442 Rice	0105 Rice
6447 Sorghum Grains	0106 Sorghum Grains
6241 Wheat	0107 Wheat
6522 Soybeans	0111 Soybeans
6534 Flaxseed	0112 Flaxseed
6521 Peanuts	0119 Oilseeds, Not Elsewhere Classified
6590 Oilseeds NEC	.....
6891 Tobacco & Products	0121 Tobacco, Leaf
6781 Hay & Fodder	0122 Hay and Fodder
6899 Farm Products NEC	0129 Field Crops, Not Elsewhere Classified
6857 Fruit & Nuts NEC	0131 Fresh Fruit
6856 Bananas & Plantains	0132 Bananas and Plantains
6871 Coffee	0133 Coffee, Green and Roasted (Including Instant)
6872 Cocoa Beans	0134 Cocoa Beans
6654 Vegetables & Prod.	0141 Fresh and Frozen Vegetables
6839 Animals & Prod. NEC	0151 Live Animals (Livestock) Excl Zoo Animals,Dogs,Etc
6839 Animals & Prod. NEC	0161 Animals and Animal Products, NEC
6899 Farm Products NEC	0191 Miscellaneous Farm Products
4110 Rubber & Gums	0841 Crude Rubber and Allied Gums
4190 Forest Products NEC	0861 Forest Products, Not Elsewhere Classified
6134 Fish (Not Shellfish)	0911 Fresh Fish, Except Shellfish
6136 Shellfish	0912 Shellfish, Except Prepared or Preserved
6134 Fish (Not Shellfish)	0913 Menhaden
4515 Marine Shells	0931 Marine Shells, Unmanufactured
4410 Iron Ore	1011 Iron Ore and Concentrates
4630 Copper Ore	1021 Copper Ore and Concentrates
4650 Aluminum Ore	1051 Bauxite and Other Aluminum Ores and Concentrates
4670 Manganese Ore	1061 Manganese Ores and Concentrates
4690 Non-Ferrous Ores NEC	1091 Nonferrous Metal Ores and Concentrates, NEC
1100 Coal & Lignite	1121 Coal and Lignite
2100 Crude Petroleum	1311 Crude Petroleum
4322 Limestone	1411 Limestone Flux and Calcareous Stone
4310 Building Stone	1412 Building Stone, Unworked
4331 Sand & Gravel	1442 Sand, Gravel and Crushed Rock
4782 Clay & Refrac. Mat.	1451 Clay, Ceramic and Refractory Materials
4327 Phosphate Rock	1471 Phosphate Rock
3190 Fert and Mixes NEC	1479 Natural Fertilizer Materials, NEC
4783 Salt	1491 Salt
4741 Sulphur, (Dry)	1492 Sulphur, Dry
3271 Sulphur (Liquid)	1493 Sulphur, Liquid
4323 Gypsum	1494 Gypsum, Crude and Plasters
4338 Soil & Fill Dirt	1499 Nonmetallic Minerals, Except Fuels, NEC
4900 Non-Metal. Min. NEC	.....
3293 Explosives	1911 Ordnance and Accessories
7300 Ordnance & Access.	.....
6811 Meat, Fresh, Frozen	2011 Meat, Fresh, Chilled, or Frozen
6817 Meat, Prepared	2012 Meat & Meat Products Prepared, Preserved or Canned



**Publication Commodity Codes Cross Reference List (continued)**  
**(sorted by 1989 commodity codes)**

<b>1994 Commodity</b>	<b>1989 Commodity</b>
6838 Tallow, Animal Oils	2014 Tallow, Animal Fats and Oils
6839 Animals & Prod. NEC	2015 Animal By-Products, Not Elsewhere Classified
6822 Dairy Products	2021 Dairy Products, Except Dried Milk and Cream
6822 Dairy Products	2022 Dried Milk and Cream
6835 Fish, Prepared	2031 Fish & Fish Products, Incl Shellfish, Prep & Presvd
6654 Vegetables & Prod.	2034 Vegetables & Preparations, Canned, Prepared & Presvd
6858 Fruit Juices	2039 Fruit, Fruit & Vegetable Juices Canned, Prep, Presvd
6746 Wheat Flour	2041 Wheat Flour and Semolina
6782 Animal Feed, Prep.	2042 Animal Feeds
6747 Grain Mill Products	2049 Grain Mill Products, Not Elsewhere Classified
6861 Sugar	2061 Sugar
6865 Molasses	2062 Molasses
6885 Alcoholic Beverages	2081 Alcoholic Beverages
6653 Vegetable Oils	2091 Vegetable Oils, All Grades; Margarine & Shortening
6838 Tallow, Animal Oils	2092 Animal Oils and Fats, Not Elsewhere Classified
6887 Groceries	2094 Groceries
6888 Water & Ice	2095 Ice
6889 Food Products NEC	2099 Miscellaneous Food Products
6891 Tobacco & Products	2111 Tobacco Manufactures
7500 Textile Products	2211 Basic Textile Products, Except Textile Fibers
6894 Natural Fibers NEC	2212 Textile Fibers, Not Elsewhere Classified
7500 Textile Products	2311 Apparel & Other Finished Textile Products, Inc Knit
4170 Wood in the Rough	2411 Logs
4170 Wood in the Rough	2412 Rafted Logs
4150 Fuel Wood	2413 Fuel Wood, Charcoal and Wastes
4170 Wood in the Rough	2414 Timber, Posts, Poles, Piling & Other Wood in the Rough
4170 Wood in the Rough	2415 Pulpwood Logs
4161 Wood Chips	2416 Woodchips, Staves, Molding and Excelsior
4189 Lumber	2421 Lumber
5540 Primary Wood Prod.	2431 Veneer, Plywood and Other Worked Wood
7400 Manufac. Wood Prod.	2491 Wood Manufactures, Not Elsewhere Classified
7900 Manufac. Prod. NEC	2511 Furniture and Fixtures
4225 Pulp & Waste Paper	2611 Pulp
5110 Newsprint	2621 Standard Newsprint Paper
5120 Paper & Paperboard	2631 Paper and Paperboard
5190 Paper Products NEC	2691 Pulp, Paper and Paperboard Products, NEC
7900 Manufac. Prod. NEC	2711 Printed Matter
3274 Sodium Hydroxide	2810 Sodium Hydroxide (Caustic Soda)
3211 Acyclic Hydrocarbons	2811 Crude Products from Coal, Tar, Petroleum & Nat Gas
3219 Other Hydrocarbons	2811
3283 Coloring Mat. NEC	2812 Dyes, Organic Pigment, Dyeing & Tanning Materials
3220 Alcohols	2813 Alcohols
3281 Radioactive Material	2816 Radioactive & Associated Materials, Including Waste
3212 Benzene & Toluene	2817 Benzene and Toluene, Crude and Commercially Pure
3272 Sulphuric Acid	2818 Sulphuric Acid
3230 Carboxylic Acids	2819 Basic Chemicals & Basic Chemical Products, NEC
3240 Nitrogen Func. Comp.	.....
3250 Organo-Inorgan Comp	.....
3260 Organic Comp. NEC	.....
3273 Ammonia	.....
3275 Inorg Elem, Oxides, & Halogen Salts	.....
3276 Metallic Salts	.....

**Publication Commodity Codes Cross Reference List (continued)**  
**(sorted by 1989 commodity codes)**

<b>1994 Commodity</b>	<b>1989 Commodity</b>
3279 Inorganic Chem. NEC	.....
3286 Plastics	2821 Plastics, Cellulose & Resins, Film, Sheeting, Laminate
7600 Rubber & Plastic Products	2822 Synthetic Rubber
7500 Textile Products	2823 Synthetic (Man-Made) Fiber
3284 Medicines	2831 Drugs (Biological Prod, Medicinal Chem, Pharmaceut)
3285 Perfumes & Cleansers	2841 Soap, Detergents & Cleaning Preps, Perfume, Cosmetics
3282 Pigments & Paints	2851 Paints, Varnishes, Lacquers, Enamels & Allied Prod
3298 Wood & Resin Chem.	2861 Gum and Wood Chemicals
3110 Nitrogenous Fert.	2871 Nitrogenous Chemical Fertilizers, Except Mixtures
3130 Potassic Fert.	2872 Potassic Chemical Fertilizers, Except Mixtures
3120 Phosphatic Fert.	2873 Phosphatic Chemical Fertilizers, Except Mixtures
3291 Pesticides	2876 Insecticides, Fungicides, Pesticides & Disinfectants
3190 Fert. & Mixes NEC	2879 Fertilizers and Fertilizer Materials, NEC
3292 Starches, Gluten, Glue	2891 Miscellaneous Chemical Products
3297 Chemical Additives	.....
3299 Chem. Products NEC	.....
2211 Gasoline	2911 Gasoline, Including Additives
2211 Gasoline	2912 Jet Fuel
2221 Kerosene	2913 Kerosene
2330 Distillate Fuel Oil	2914 Distillate Fuel Oil
2340 Residual Fuel Oil	2915 Residual Fuel Oil
2350 Lube Oil & Greases	2916 Lubricating Oil and Greases
2429 Naphtha & Solvents	2917 Naphtha, Mineral Spirits, Solvent, NEC
2430 Asphalt, Tar & Pitch	2918 Asphalt, Tar and Pitches
1200 Coke	2920 Coke, Including Petroleum Coke
2540 Petroleum Coke	.....
2640 Liquid Natural Gas	2921 Liquefied Petroleum Gases, Coal Gas, Nat Gas/Liquid
5290 Misc. Mineral Prod.	2951 Asphalt Building Materials
2410 Petro. Jelly & Waxes	2991 Petroleum and Coal Products, NEC
2990 Petro. Products NEC	2991 Petroleum and Coal Products, NEC
7600 Rubber & Plastic Pr.	3011 Rubber and Miscellaneous Plastic Products
7900 Manufac. Prod. NEC	3111 Leather and Leather Products
5240 Glass & Glass Prod.	3211 Glass and Glass Products
5220 Cement & Concrete	3241 Building Cement
5290 Misc. Mineral Prod.	3251 Structural Clay Products, Including Refractories
5210 Lime	3271 Lime
5290 Misc. Mineral Prod.	3281 Cut Stone and Stone Products
5290 Misc. Mineral Prod.	3291 Miscellaneous Nonmetallic Mineral Products
5312 Pig Iron	3311 Pig Iron
4860 Slag	3312 Slag
2990 Petro. Products NEC	3313 Coke (coal & petroleum), petroleum pitches and asphalts, and naphtha and solvents
5320 I&S Primary Forms	3314 Iron and Steel Ingots and Other Primary Forms
5360 I&S Bars & Shapes	3315 Iron and Steel Bars, Rods, Angles, Shapes & Sections
5330 I&S Plates & Sheets	3316 Iron and Steel Plates and Sheets
5370 I&S Pipe & Tube	3317 Iron and Steel Pipe and Tube
5315 Ferro Alloys	3318 Ferroalloys
5390 Primary I&S NEC	3319 Primary Iron & Steel Prods, NEC Incl Rough Castings
5429 Smelted Prod. NEC	3321 Nonferrous Metals Primary Smelter Prod, Wire Castng
5421 Copper	3322 Copper & Copper Alloys, Refined, Unrefined, Unworked
5429 Smelted Prod. NEC	3323 Lead and Zinc Including Alloys, Unworked

**Publication Commodity Codes Cross Reference List (continued)**  
**(sorted by 1989 commodity codes)**

<b><u>1994 Commodity</u></b>	<b><u>1989 Commodity</u></b>
5422 Aluminum	3324 Aluminum and Aluminum Alloys, Unworked
5480 Fab. Metal Products	3411 Fabricated Metal Prods, Exc Machinery, Transp Equip
7110 Machinery (Not Elec)	3511 Machinery, Except Electrical
7120 Electrical Machinery	3611 Electrical Machinery, Equipment and Supplies
7210 Vehicles & Parts	3711 Motor Vehicles, Parts and Equipment
7220 Aircraft & Parts	3721 Aircraft and Parts
7230 Ships & Boats	3731 Ships and Boats
7900 Manufac. Prod. NEC	3791 Miscellaneous Transportation Equipment
7900 Manufac. Prod. NEC	3811 Instruments, Photographic/Optical Goods, Watches, Clk
7900 Manufac. Prod. NEC	3911 Miscellaneous Products of Manufacturing
4420 Iron & Steel Scrap	4011 Iron and Steel Scrap
4680 Non-Ferrous Scrap	4012 Nonferrous Metal Scrap
7500 Textile Products	4022 Textile Waste, Scrap and Sweepings
4225 Pulp & Waste Paper	4024 Paper Waste and Scrap
4333 Dredged Material	4029 Waste and Scrap, NEC
8900 Waste and Scrap NEC	.....
6888 Water & Ice	4111 Water
9900 Unknown or NEC	4112 Misc Shipments not Identifiable by Commodity
9900 Unknown or NEC	4113 LCL Freight
0300 Passengers	4114 Passengers Only
0200 Vehicles	4115 Transported Vehicles (E.G. Ferried Autos)
0200 Vehicles	4116 Railway Cars (Loaded)
0200 Vehicles	4117 Railway Cars (Empty)
4335 Waterway Improv. Mat	4118 Waterway Improvement Materials, Govt Materials
7800 Empty Containers	4119 Empty Containers
9900 Unknown or NEC	9999 Dept of Defense Controlled Cargo & Special Items

# ORDERING GUIDE FOR THE NAVIGATION DATA CENTER REPORTS

## Waterborne Commerce, Vessel and Locks Statistics

<u>Title</u>	<u>Sales Price*</u>
Waterborne Commerce of the United States (WCUS)	
Part 1 WCUS, Waterways and Harbors on the Atlantic Coast	\$ 13.00
1st Class Postage	6.00
Manuscript Data on diskette	5.00
Part 2 WCUS, Waterways and Harbors on the Gulf Coast, Mississippi River System and Antilles	15.00
1st Class Postage	6.00
Manuscript Data on diskette	5.00
Part 3 WCUS, Waterways and Harbors of the Great Lakes	6.00
1st Class Postage	3.00
Manuscript Data on diskette	5.00
Part 4 WCUS, Waterways and Harbors on the Pacific Coast, Alaska and Hawaii	9.00
1st Class Postage	5.00
Manuscript Data on diskette	5.00
Part 5 WCUS, National Summaries	4.00
1st Class Postage	3.00
Public Domain Database (Area to Area or State to State)	
Hardcopy	15.00
Diskette	5.00
Waterborne Transportation Lines of the United States (WTLUS)	
Volume 1, National Summaries	**
Volume 2, Vessel Company Summary	**
Volume 3, Vessel Characteristics	**
1st Class Postage	**
Master File of Vessel Descriptions on diskettes	40.00
Master File of Vessel Operator Information on diskettes	10.00

### Complimentary Copies

The U.S. Waterway System - FACTS  
Tonnage for Selected United States Ports  
State Tonnage Report (Total waterborne commerce by state)  
Estimated Waterborne Commerce Statistics, National Totals and Selected Inland Waterways  
Summary of United States Flag Vessels  
Summary of Lock Statistics (Contact: Bob Baldwin, (703) 355-2047)

\* Effective with the calendar year 1994 publications.

\*\* Prices have yet to be determined.

Material may be ordered from Waterborne Commerce Statistics Center, U.S. Army Corps of Engineers, P.O. Box 61280, New Orleans, LA 70161-1280. Checks or money orders should be made out to FAO-USAED, New Orleans. Point of contact is Mr. Roy Walsh (504) 862-1424 or Mr. Thomas Mire (504) 862-1470; FAX (504) 862-1423.

## Ordering Guide for Port Series Reports

<u>NO.</u>		<u>Date of Publication</u>	<u>Sales Price</u>
1	Portland and Seaport, ME, and Portsmouth, NH	1985	\$ 7.00
3	Boston, MA	1994	14.00
4	Ports of Southern New England (Bridgeport, New Haven and New London, CT; Providence, RI; Fall River and New Bedford, MA)	1994	17.00
5	New York, NY, and NJ, and Ports on Long Island, NY	1988	15.50
6	Albany and Ports on Hudson River, NY	1996*	-
8	Philadelphia, PA; Camden, NJ; Wilmington, DE; and Ports on Delaware River	1984	10.00
10	Baltimore, MD	1991	8.00
11	Ports of Hampton Roads, and Ports on the James and York Rivers, VA	1993	26.00
12	Wilmington and Morehead City, NC	1987	7.00
13	Charleston and Georgetown, SC	1987	7.00
14	Savannah and Brunswick, GA	1990	7.50
15	Jacksonville and Fernandina Beach, FL	1986	7.00
16	Miami, Port Everglades, Palm Beach, and Port Canaveral, FL	1991	8.50
17	Tampa and Port Manatee, FL	1996*	-
18	Mobile, AL	1986	6.50
19	Panama City and Pensacola, FL; Pascagoula and Gulfport, MS; and Ports on the Apalachicola, Chattahoochee, and Flint Rivers	1986	9.50
20	New Orleans, LA	1990	10.00
20A	Mississippi River Ports Below and Above New Orleans, LA	1992	10.50
21	Baton Rouge and Lake Charles, LA	1990	11.00
22	Port Arthur, Beaumont, and Orange, TX	1988	8.00
23	Galveston and Texas City, TX	1995*	-
24	Houston, TX	1989	10.00
25	Corpus Christi, TX	1993	10.00
26	Freeport, Point Comfort/Port Lavaca, Brownsville, and Ports along Gulf Intracoastal Waterway, TX	1991	10.00
27	San Diego, CA	1987	6.50
28	Los Angeles, Long Beach, and Port Hueneme, CA	1985	8.50
30	San Francisco, Redwood City, and Humboldt Bay, CA	1991	8.00
31	Oakland, Alameda, Richmond, and Ports on Carquinez Strait, CA	1991	8.00
32	Sacramento, Stockton, Pittsburg and Antioch, CA	1986	7.00
33	Coos Bay, OR and Ports on Columbia-Snake River System (Astoria, The Dalles, Boardman, and Umatilla, OR; Longview, Kalama, Vancouver, Pasco/Kennewick, Wilma, and Clarkston, WA; and Lewiston, ID)	1986	11.00
34	Portland, OR	1985	7.00
35	The Ports of Tacoma, Grays Harbor, and Olympia, WA	1993	13.00
36	Seattle, WA	1993	19.00
37	Port Angeles, Port Townsend, Everett, Anacortes, and Bellingham, WA.	1987	7.50
38	Ports of Alaska (Anchorage, Kenai, Valdez, Kodiak, Unalaska, Kotzebue, Nome, Bethel, Ketchikan, Wrangell, Petersburg, Sitka, Juneau, etc.)	1995*	-
39	Ports of Southwest and Western Alaska	1995	20.00
41	Buffalo, NY	1990	6.50
42	U.S. Ports on Lake Erie (Erie, PA; Conneaut, Ashtabula, Fairport Harbor, Lorain, Huron, and Sandusky, OH)	1990	8.50
43	Cleveland, OH	1989	7.00
44	Toledo, OH	1989	6.00
45	Detroit and Ports on the Saginaw River, MI	1996*	-
46	Chicago, IL	1995	20.00
48	The Port of Milwaukee, WI and Ports on Lake Michigan	1995	23.00
49	Duluth, MN; Superior, WI; Taconite Harbor, Silver Bay, and Two Harbors, MN; and Ashland, WI.	1987	6.50
50	Ports of Hawaii (Honolulu, Port Allen, Nawiliwili, Kahului, Kaunakakai, Kawaihae, and Hilo)	1987	7.00
60	Pittsburgh, PA, and Ports on the Ohio, Monongahela, and Allegheny Rivers, PA.	1992	12.00
61	Huntington, WV, Ports on Ohio River Miles 40-317, and Kanawha River, WV.	1992	12.00
62	Cincinnati, OH, and Ports on Ohio River Miles 317-560	1991	8.50
63	Louisville, KY, Ports on Ohio River Miles 560-980, and Cumberland and Green Rivers	1992	10.50
64	Ports on Tennessee River, Tennessee-Tombigbee and Black Warrior-Tombigbee Waterways, and Alabama River	1986	11.00
65	Illinois Waterway, IL.	1994	12.00
68	Ports on the Missouri, Arkansas, Verdigris, White, and Ouachita Rivers	1987	10.00
69	Minneapolis-St. Paul, MN, and Ports on Upper Mississippi River Miles 300-860 AOR	1994	33.00
70	St. Louis, MO, and Ports on Upper Mississippi River Miles 0-300 AOR	1992	9.50
71	Memphis, TN; Helena, AR; and Ports on Lower Mississippi River Miles 620-954 AHP	1994	10.00
72	Natchez, Vicksburg, and Greenville, MS, and Ports on Lower Mississippi River Miles 255-620 AHP	1991	8.00

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